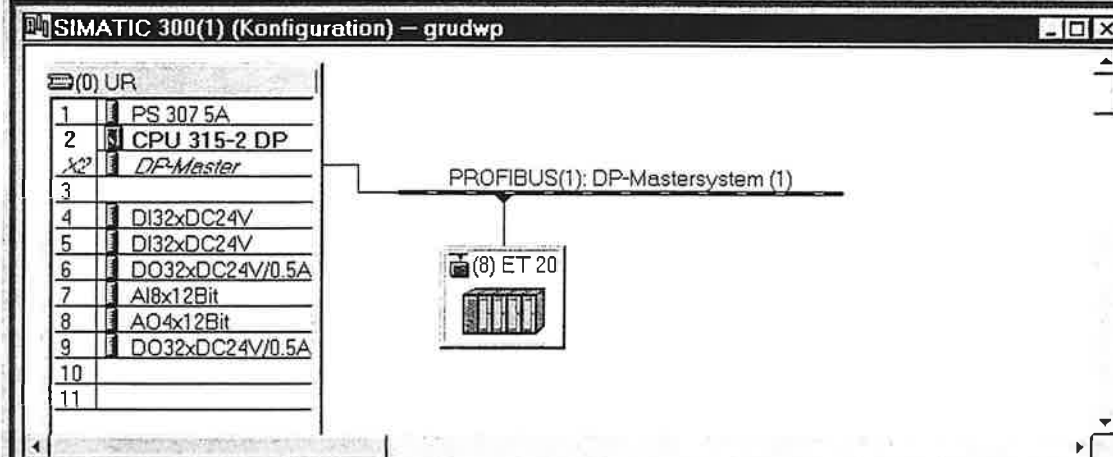


HW Konfig - SIMATIC 300(1)

Station Bearbeiten Einfügen Zielsystem Ansicht Extras Fenster Hilfe



(0) UR

| Stackpl... | Baugruppe | Bestellnummer | MPI-A... | E-Adr... | A-Ad... | Kommentar |
|------------|-----------------|---------------------|----------|-----------|-----------|-----------|
| 1 | PS 307 5A | 6ES7 307-1EA00-0AA0 | | | | |
| 2 | CPU 315-2 DP | 6ES7 315-2AF03-0AB0 | 2 | | | |
| X2 | DP-Master | | | 1023* | | |
| 3 | | | | | | |
| 4 | DI32xDC24V | 6ES7 321-1BL00-0AA0 | | 0...3 | | |
| 5 | DI32xDC24V | 6ES7 321-1BL00-0AA0 | | 4...7 | | |
| 6 | DO32xDC24V/0.5A | 6ES7 322-1BL00-0AA0 | | | 0...3 | |
| 7 | AI8x12Bit | 6ES7 331-7KF01-0AB0 | | 320...335 | | |
| 8 | AO4x12Bit | 6ES7 332-5HD01-0AB0 | | | 336...343 | |
| 9 | DO32xDC24V/0.5A | 6ES7 322-1BL00-0AA0 | | | 4...7 | |
| 10 | | | | | | |
| 11 | | | | | | |

Drücken Sie F1, um Hilfe zu erhalten.

HW Konfig - SIMATIC 300(1)

Station Bearbeiten Einfügen Zielsystem Ansicht Extras Fenster Hilfe

SIMATIC 300(1) (Konfiguration) — grudwp

(0) UR

| | |
|----|-----------------|
| 1 | PS 307 5A |
| 2 | CPU 315-2 DP |
| 3 | DP-Master |
| 4 | DI32xDC24V |
| 5 | DI32xDC24V |
| 6 | DO32xDC24V/0.5A |
| 7 | AI8x12Bit |
| 8 | AO4x12Bit |
| 9 | DO32xDC24V/0.5A |
| 10 | |
| 11 | |

PROFIBUS(1): DP-Mastersystem (1)

(8) ET 20

(8) ET 200M IM 153-1

| Steck... | Baugruppe | Bestellnummer | E-Adre... | A-Adre... | Kommentar |
|----------|-----------------|---------------------|-----------|-----------|-----------|
| 4 | DI32xDC24V | 6ES7 321-1BL00-0AA0 | 100...103 | | |
| 5 | DI32xDC24V | 6ES7 321-1BL00-0AA0 | 104...107 | | |
| 6 | DO32xDC24V/0.5A | 6ES7 322-1BL00-0AA0 | | 100...103 | |
| 7 | AI8x12Bit | 6ES7 331-7KF01-0AB0 | 256...271 | | |
| 8 | AO4x12Bit | 6ES7 332-5HD01-0AB0 | | 256...263 | |
| 9 | | | | | |
| 10 | | | | | |
| 11 | | | | | |

Drücken Sie F1, um Hilfe zu erhalten.

Symboltabellen-Eigenschaften

| | |
|--------------------------|---------------------|
| Name: | Symbole |
| Kommentar: | |
| Erstellt am: | 19.07.2001 18:04:23 |
| Zuletzt geändert am: | 15.06.2001 10:04:34 |
| Letztes Filterkriterium: | Alle Symbole |
| Anzahl der Symbole: | 269/ 269 |
| Letzte Sortierung: | Adresse aufsteigend |

| Symbol | Adresse | Datentyp | Kommentar |
|-----------------|---------|----------|---|
| =150+BBWP1-SH1 | A 0.0 | BOOL | Napiecie sterujace WP1 |
| =150+CP-K2 | A 0.1 | BOOL | Syrena niz ostrzezenie dotyczace rozuchu |
| =150+CP-K3 | A 0.2 | BOOL | Praca WP1 instalacji |
| =150+CP-K4 | A 0.3 | BOOL | Zbiorczy sygnal awarii WP1 |
| =150+CP-K5 | A 0.4 | BOOL | |
| =150+CP-K6 | A 0.5 | BOOL | |
| =200+CP-K1 | A 1.0 | BOOL | Przenosnik WP1 + WP2 wlaczony/wylaczony |
| =250+CP-K1M | A 1.1 | BOOL | Agregat hydrauliczny WP1 start/stop |
| =300+CP-K1 | A 1.2 | BOOL | Start/stop przetwornik czestotliwosc nap |
| =300+CP-K2 | A 1.3 | BOOL | Naped WP1 szybciej |
| =300+CP-K3 | A 1.4 | BOOL | Naped WP1 wolniej |
| =350+CP-K1 | A 1.5 | BOOL | Pompa do czyszczenia sit WP1 |
| =350+CP-K2 | A 1.6 | BOOL | Czas do czyszczenia sit WP1 |
| =400+CP-K1 | A 2.0 | BOOL | Start/stop przetwornik czestotliwosc pom |
| =400+CP-K2 | A 2.1 | BOOL | Wartosc zadana wydajnosc pompa dozujaca |
| =400+CP-K3 | A 2.2 | BOOL | Wartosc zadana wydajnosc pompa dozujaca |
| =500+CP-K1 | A 2.3 | BOOL | Start/stop przetwornik czestotliwosc pom |
| =650+CP-K1M | A 2.4 | BOOL | Mieszadla 1 |
| =650+CP-K2M | A 2.5 | BOOL | Mieszadla 2 |
| =650+CP-K3M | A 2.6 | BOOL | Mieszadla 3 |
| =650+CP-K4M | A 2.7 | BOOL | Slimak dozujacy |
| =650+CP-K5M | A 3.0 | BOOL | Pompa do koncentratu |
| =650+CP-K1 | A 3.1 | BOOL | Elektrozawor doprowadzenia wody |
| =2150+BBWP2-SH2 | A 100.0 | BOOL | Napiecie sterujace WP2 |
| =2150+CP-K2 | A 100.1 | BOOL | Syrena niz ostrzezenie dotyczace rozuchu |
| =2150+CP-K3 | A 100.2 | BOOL | Praca WP2 instalacji |
| =2150+CP-K4 | A 100.3 | BOOL | Zbiorczy sygnal awarii WP2 |
| =2150+CP-K5 | A 100.4 | BOOL | |
| =2150+CP-K6 | A 100.5 | BOOL | |
| =2250+CP-K1M | A 101.1 | BOOL | Agregat hydrauliczny WP2 start/stop |
| =2300+CP-K1 | A 101.2 | BOOL | Start/stop przetwornik czestotliwosc nap |
| =2300+CP-K2 | A 101.3 | BOOL | Naped WP2 szybciej |
| =2300+CP-K3 | A 101.4 | BOOL | Naped WP2 wolniej |
| =2350+CP-K1 | A 101.5 | BOOL | Pompa do czyszczenia sit WP2 |
| =2350+CP-K2 | A 101.6 | BOOL | Czas do czyszczenia sit WP2 |
| =2400+CP-K1 | A 102.0 | BOOL | Start/stop przetwornik czestotliwosc pom |
| =2400+CP-K2 | A 102.1 | BOOL | Wartosc zadana wydajnosc pompa dozujaca |
| =2400+CP-K3 | A 102.2 | BOOL | Wartosc zadana wydajnosc pompa dozujaca |
| =2500+CP-K1 | A 102.3 | BOOL | Start/stop przetwornik czestotliwosc pom |
| DB3 | DB 3 | DB 3 | Datenbaustein DB3 |
| DB4 | DB 4 | DB 4 | Datenbaustein DB4 |
| =150+CP-K1 | E 0.0 | BOOL | Napiecie sterujace WP1 |
| =100+CP-F20 | E 0.1 | BOOL | Bezpiecznik auto. wylaczony WP1 |
| =150+CP-A1 | E 0.2 | BOOL | Wyłącznik bezpieczestna zalaczone WP1+WP2 |
| | E 0.3 | BOOL | |
| | E 0.4 | BOOL | |
| | E 0.5 | BOOL | |
| =200+CP-POT1 | E 0.6 | BOOL | Przenosnik WP1+WP2 awaria |
| =200+CP-POT2 | E 0.7 | BOOL | Przenosnik WP1+WP2 praca |
| =250+CP-Q1 | E 1.0 | BOOL | Zabezpieczenie silnika agregatu hydraulii |

| Symbol | Adresse | Datentyp | Kommentar |
|----------------|---------|----------|---|
| =250+CP-K1M. | E 1.1 | BOOL | Praca agregatu hydraulicznego WP1 |
| =300+WP1-S7 | E 1.2 | BOOL | Naped WP1 |
| =300+CP-Q1 | E 1.3 | BOOL | Zabezpieczenie silnika napedu WP1 |
| =300+CP-U1/02 | E 1.4 | BOOL | Zabezpieczenie silnika napedu WP1 |
| =300+CP-U1/05 | E 1.5 | BOOL | Praca naped WP1 |
| =300+WP1-S2 | E 1.6 | BOOL | Zboczenie tasmy w kummku sterowania WP1 |
| =300+WP1-S3 | E 1.7 | BOOL | Zboczenie tasmy w kummku napedu WP1 |
| =300+WP1-S4 | E 2.0 | BOOL | Pekniecie tasmy gornej WP1 |
| =300+WP1-S5 | E 2.1 | BOOL | Pekniecie tasmy dalney WP1 |
| =350+CP-Q1 | E 2.2 | BOOL | Zabezpieczenie silnika pompa czyszczenia |
| =350+CP-K1M | E 2.3 | BOOL | Pompa do czyszczenia sit WP1 pracuje |
| =350+LD-S3 | E 2.4 | BOOL | Zabezpieczenie pompa wodnej pned suchobi |
| =350+CP-K1T | E 2.5 | BOOL | Czas do czyszczenia sit WP1 |
| =400+CP-Q1 | E 2.6 | BOOL | Zabezpieczenie silnike pompa dozujacej WP1 |
| =400+CP-U1/02 | E 2.7 | BOOL | Zabezpieczenie silnike pompa dozujacej WP1 |
| =400+CP-U1/05 | E 3.0 | BOOL | Pompa do dozujaca WP1 praca |
| =400+FMWP-S1 | E 3.1 | BOOL | Pompa do dozujaca WP1 + WP2 zabezpieczen |
| =400+WP1-S6 | E 3.2 | BOOL | Kontrola obecności osadu na WP1 |
| =500+CP-Q1 | E 3.3 | BOOL | Zabezpieczenie silnike pompa osadu WP1 |
| =500+CP-U1/02 | E 3.4 | BOOL | Zabezpieczenie silnike pompa osadu WP1 |
| =500+CP-U1/05 | E 3.5 | BOOL | Pompa osadu WP1 praca |
| =650+CP-Q1 | E 3.6 | BOOL | Mieszadlo 1 zabezpieczenie silnika |
| =650+CP-Q2 | E 3.7 | BOOL | Mieszadlo 2 zabezpieczenie silnika |
| =650+CP-Q3 | E 4.0 | BOOL | Mieszadlo 1-3 zabezpieczenie silnika |
| =650+CP-Q4 | E 4.1 | BOOL | Slimak dozujacy zabezpieczenie silnika |
| =650+CP-Q5 | E 4.2 | BOOL | Pompa do koncentratu zabezpieczenie siln |
| =650+FMWP-S2 | E 4.3 | BOOL | Stacja flokulanta WP1+WP2 poziom min. |
| =650+FMWP-S3 | E 4.4 | BOOL | Stacja flokulanta WP1+WP2 poziom max. |
| =650+FMWP-S4 | E 4.5 | BOOL | Stacja flokulanta WP1+WP2 kontrola doply |
| =650+CP-U1/6 | E 4.6 | BOOL | Temperatura stojana pompa do koncentratu |
| =2150+CP-K1 | E 100.0 | BOOL | Napiecie sterujace WP2 |
| =100+CP-F21 | E 100.1 | BOOL | Bezpiecznik auto. wyłączony WP2 |
| | E 100.3 | BOOL | |
| | E 100.4 | BOOL | |
| | E 100.5 | BOOL | |
| =2250+CP-Q1 | E 101.0 | BOOL | Zabezpieczenie silnika agregatu hydraulii |
| =2250+CP-K1M. | E 101.1 | BOOL | Praca agregatu hydraulicznego WP2 |
| =2300+WP2-S7 | E 101.2 | BOOL | Naped WP2 |
| =2300+CP-Q1 | E 101.3 | BOOL | Zabezpieczenie silnika napedu WP2 |
| =2300+CP-U1/02 | E 101.4 | BOOL | Zabezpieczenie silnika napedu WP2 |
| =2300+CP-U1/05 | E 101.5 | BOOL | Praca naped WP2 |
| =2300+WP2-S2 | E 101.6 | BOOL | Zboczenie tasmy w kummku sterowania WP2 |
| =2300+WP2-S3 | E 101.7 | BOOL | Zboczenie tasmy w kummku napedu WP2 |
| =2300+WP2-S4 | E 102.0 | BOOL | Pekniecie tasmy gornej WP2 |
| =2300+WP2-S5 | E 102.1 | BOOL | Pekniecie tasmy dalney WP2 |
| =2350+CP-Q1 | E 102.2 | BOOL | Zabezpieczenie silnika pompa czyszczenia |
| =2350+CP-K1M | E 102.3 | BOOL | Pompa do czyszczenia sit WP2 pracuje |
| =2350+LD-S3 | E 102.4 | BOOL | Zabezpieczenie pompa wodnej pned suchobi |
| =2350+CP-K1T | E 102.5 | BOOL | Czas do czyszczenia sit WP2 |
| =2400+CP-Q1 | E 102.6 | BOOL | Zabezpieczenie silnike pompa dozujacej WP2 |
| =2400+CP-U1/02 | E 102.7 | BOOL | Zabezpieczenie silnike pompa dozujacej WP2 |
| =2400+CP-U1/05 | E 103.0 | BOOL | Pompa do dozujaca WP2 praca |
| =2400+WP2-S6 | E 103.2 | BOOL | Kontrola obecności osadu na WP2 |
| =2500+CP-Q1 | E 103.3 | BOOL | Zabezpieczenie silnike pompa osadu WP2 |
| =2500+CP-U1/02 | E 103.4 | BOOL | Zabezpieczenie silnike pompa osadu WP2 |
| =2500+CP-U1/05 | E 103.5 | BOOL | Pompa osadu WP2 praca |
| M1.1 | M 1.1 | BOOL | (TP) Vorwahl Betriebsart Hand WP1 |
| M1.2 | M 1.2 | BOOL | (TP) Vorwahl Betriebsart Automatik |
| M1.3 | M 1.3 | BOOL | (TP) Vorwahl Betriebsart Aus (Hand-Aus-Automatik) |
| M1.7 | M 1.7 | BOOL | Freigabe Schalterabfrage |
| M5.0 | M 5.0 | BOOL | Freigabe Gruppenstart Winkelpresse |

| Symbol | Adresse | Datentyp | Kommentar |
|--------|---------|----------|---|
| M5.1 | M 5.1 | BOOL | Gruppenstart WP1 |
| M5.4 | M 5.4 | BOOL | Anfahrwarnung Winkelpresse |
| M5.5 | M 5.5 | BOOL | Zeitdauer Anfahrwarnung |
| M5.6 | M 5.6 | BOOL | Hupe als Anfahrwarnung |
| M5.7 | M 5.7 | BOOL | Anfahrwarnung Pausendauer WP1 |
| M6.0 | M 6.0 | BOOL | Nachlauf Winkelpresse zur Siebreinigung |
| M7.0 | M 7.0 | BOOL | Freigabe Gruppenstart Schlammzufuhr Winkelpresse |
| M7.1 | M 7.1 | BOOL | Gruppenstart Schlammzufuhr Winkelpresse |
| M10.7 | M 10.7 | BOOL | langsamer Blinktakt |
| M11.6 | M 11.6 | BOOL | Sammelstörmeldung (Hupe bei Störung) |
| M13.0 | M 13.0 | BOOL | Störung bauseitige Förderschnecken WP1+WP2 |
| M13.1 | M 13.1 | BOOL | Förderschnecken M5.3-M5.5 Hand |
| M13.2 | M 13.2 | BOOL | bauseitige Förderschnecken WP1+WP2 Automatik |
| M13.3 | M 13.3 | BOOL | bauseitige Förderschnecken WP1+WP2 in Betrieb |
| M13.4 | M 13.4 | BOOL | Fördersystem M5.2-M5.5 im Intervall |
| M13.7 | M 13.7 | BOOL | Störung Förderschnecken M5.3-M5.5 |
| M14.2 | M 14.2 | BOOL | bauseitige Förderschnecken WP1+WP2 Automatik |
| M14.7 | M 14.7 | BOOL | Störung bauseitige Förderschnecken |
| M15.0 | M 15.0 | BOOL | Störung Hydraulik Winkelpresse 1 |
| M15.1 | M 15.1 | BOOL | Hydraulik Winkelpresse 1 Hand |
| M15.2 | M 15.2 | BOOL | Hydraulik Winkelpresse 1 Automatik |
| M15.3 | M 15.3 | BOOL | Hydraulik Winkelpresse 1 in Betrieb |
| M15.4 | M 15.4 | BOOL | Zeit für Druckaufbau zum spannen der Siebe abgelaufen |
| M16.7 | M 16.7 | BOOL | Störung Hydraulik Winkelpresse 1 |
| M20.0 | M 20.0 | BOOL | Störung Antrieb Winkelpresse 1 |
| M20.1 | M 20.1 | BOOL | Antrieb Winkelpresse 1 Hand |
| M20.2 | M 20.2 | BOOL | Antrieb Winkelpresse 1 Automatik |
| M20.3 | M 20.3 | BOOL | Antrieb Winkelpresse 1 in Betrieb |
| M20.4 | M 20.4 | BOOL | Anlaufüberbrückung Frequenzumformer Antrieb Winkelpresse 1 |
| M20.5 | M 20.5 | BOOL | (TP) Bandgeschwindigkeit Winkelpresse erhöhen |
| M20.6 | M 20.6 | BOOL | (TP) Bandgeschwindigkeit Winkelpresse erniedrigen |
| M21.7 | M 21.7 | BOOL | Störung Antrieb Winkelpresse 1 |
| M25.0 | M 25.0 | BOOL | Störung Siebreinigungspumpe WP |
| M25.1 | M 25.1 | BOOL | Siebreinigungspumpe Winkelpresse 1 Hand |
| M25.2 | M 25.2 | BOOL | Siebreinigungspumpe Winkelpresse 1 Automatik |
| M25.3 | M 25.3 | BOOL | Siebreinigungspumpe Winkelpresse in Betrieb |
| M26.7 | M 26.7 | BOOL | Störung Siebreinigungspumpe Winkelpresse |
| M30.0 | M 30.0 | BOOL | Störung FM-Dosierpumpe Winkelpresse 1 |
| M30.1 | M 30.1 | BOOL | (TP) FM-Dosierpumpe Winkelpresse 1 Hand |
| M30.2 | M 30.2 | BOOL | (TP) FM-Dosierpumpe Winkelpresse 1 Automatik |
| M30.3 | M 30.3 | BOOL | FM-Dosierpumpe Winkelpresse 1 in Betrieb |
| M30.5 | M 30.5 | BOOL | (TP) Fördermenge Flockungsmittel Winkelpresse 1 erhöhen |
| M30.6 | M 30.6 | BOOL | (TP) Fördermenge Flockungsmittel Winkelpresse 1 erniedrigen |
| M30.7 | M 30.7 | BOOL | Anlaufüberbrückung FU FM-Dosierpumpe Winkelpresse 1 |
| M31.7 | M 31.7 | BOOL | Störung FM-Dosierpumpe Winkelpresse 1 |
| M35.0 | M 35.0 | BOOL | Störung Schlammpumpe Winkelpresse 1 |
| M35.1 | M 35.1 | BOOL | (TP) Schlammpumpe Winkelpresse 1 Hand |
| M35.2 | M 35.2 | BOOL | (TP) Schlammpumpe Winkelpresse 1 Automatik |
| M35.3 | M 35.3 | BOOL | Schlammpumpe Winkelpresse 1 in Betrieb |
| M35.5 | M 35.5 | BOOL | (TP) Vorwahl Betriebsart Automatik-Regelung Schlammpumpe Winkelpresse |
| M35.6 | M 35.6 | BOOL | (TP) Vorwahl Betriebsart Hand-Regelung Schlammpumpe Winkelpresse |
| M35.7 | M 35.7 | BOOL | Anlaufüberbrückung FU Schlammpumpe Winkelpresse 1 |
| M36.7 | M 36.7 | BOOL | Störung Schlammpumpe Winkelpresse 1 |
| M40.0 | M 40.0 | BOOL | Störung FM-Aufbereitung WP1+WP2 |
| M40.1 | M 40.1 | BOOL | FM-Aufbereitung WP1+WP2 Ein |
| M40.2 | M 40.2 | BOOL | Flockungsmittel ansetzen |
| M40.3 | M 40.3 | BOOL | (TP) Vorwahl Trockenpolymer |
| M40.4 | M 40.4 | BOOL | (TP) Vorwahl Flüssigpolymer |
| M41.7 | M 41.7 | BOOL | Störung FM-Aufbereitung WP1+WP2 |

| Symbol | Adresse | Datentyp | Kommentar |
|--------|---------|----------|--|
| M42.0 | M 42.0 | BOOL | Freigabe Schrittkette Förderbänder |
| M42.1 | M 42.1 | BOOL | Zähler Intervalle Abzugsförderband M5.2 |
| M42.2 | M 42.2 | BOOL | Pausenzeit Förderband M5.2 |
| M42.3 | M 42.3 | BOOL | Betriebszeit Förderband M5.2 |
| M42.4 | M 42.4 | BOOL | Leerlaufzeit Förderschnecken M5.2-M5.5 |
| M42.5 | M 42.5 | BOOL | HM Nachlaufzeit Förderband M5.2-M5.5 |
| M42.6 | M 42.6 | BOOL | Nachlaufzeit Förderband M5.2-M5.5 |
| M42.7 | M 42.7 | BOOL | Freigabe Schrittkette Förderbänder |
| M43.1 | M 43.1 | BOOL | Schritt 1: Förderband M5.2 Aus |
| M43.2 | M 43.2 | BOOL | Schritt 2: Förderband M5.2 Start |
| M43.3 | M 43.3 | BOOL | Schritt 3: Förderband M5.2 Stop |
| M43.4 | M 43.4 | BOOL | Schritt 4: Förderbänder M5.2-M5.5 Start |
| M43.5 | M 43.5 | BOOL | Schritt 5: Förderbänder M5.2-M5.5 Stop |
| M52.1 | M 52.1 | BOOL | (TP) Vorwahl Betriebsart Hand WP2 |
| M52.2 | M 52.2 | BOOL | (TP) Vorwahl Betriebsart Automatik WP2 |
| M52.3 | M 52.3 | BOOL | (TP) Vorwahl Betriebsart Aus(Hand-Aus-Automatik) WP2 |
| M52.7 | M 52.7 | BOOL | Freigabe Schalterabfrage WP2 |
| M55.0 | M 55.0 | BOOL | Freigabe Gruppenstart Winkelpresse 2 |
| M55.1 | M 55.1 | BOOL | Gruppenstart Winkelpresse 2 |
| M55.4 | M 55.4 | BOOL | Anfahrwarnung WP2 |
| M55.5 | M 55.5 | BOOL | Zeitdauer Anfahrwarnung (Hupe) WP2 |
| M55.6 | M 55.6 | BOOL | Hupe als Anfahrwarnung WP2 |
| M55.7 | M 55.7 | BOOL | Anfahrwarnung Pausendauer WP2 |
| M56.0 | M 56.0 | BOOL | Nachlauf WP2 zur Siebreinigung |
| M57.0 | M 57.0 | BOOL | Freigabe Gruppenstart Schlammzufuhr WP2 |
| M57.1 | M 57.1 | BOOL | Gruppenstart Schlammzufuhr WP2 |
| M61.6 | M 61.6 | BOOL | Sammelstörmeldung (Hupe bei Störung) WP2 |
| M65.0 | M 65.0 | BOOL | Störung Hydraulik WP2 |
| M65.1 | M 65.1 | BOOL | Hydraulik WP2 Hand |
| M65.2 | M 65.2 | BOOL | Hydraulik |
| M65.3 | M 65.3 | BOOL | Hydraulik WP2 in Betrieb |
| M65.4 | M 65.4 | BOOL | Zeit für Druckaufbau Siebspannung WP2 abgelaufen |
| M66.7 | M 66.7 | BOOL | Störung Hydraulik WP2 |
| M70.0 | M 70.0 | BOOL | Störung Antrieb WP2 |
| M70.1 | M 70.1 | BOOL | Antrieb WP2 Hand |
| M70.2 | M 70.2 | BOOL | Antrieb WP2 Automatik |
| M70.3 | M 70.3 | BOOL | Antrieb WP2 in Betrieb |
| M70.4 | M 70.4 | BOOL | Anlaufüberbrückung FU Antrieb WP2 |
| M71.7 | M 71.7 | BOOL | Störung Antrieb WP2 |
| M75.0 | M 75.0 | BOOL | Störung Siebreinigungspumpe WP2 |
| M75.1 | M 75.1 | BOOL | Siebreinigungspumpe WP2 Hand |
| M75.2 | M 75.2 | BOOL | Siebreinigungspumpe WP2 Automatik |
| M75.3 | M 75.3 | BOOL | Siebreinigungspumpe WP2 in Betrieb |
| M76.7 | M 76.7 | BOOL | Störung Siebreinigungspumpe WP2 |
| M80.0 | M 80.0 | BOOL | Störung FM-Dosierpumpe WP2 |
| M80.1 | M 80.1 | BOOL | FM-Dosierpumpe WP2 Hand |
| M80.2 | M 80.2 | BOOL | FM-Dosierpumpe WP2 Automatik |
| M80.3 | M 80.3 | BOOL | FM-Dosierpumpe WP2 in Betrieb |
| M80.7 | M 80.7 | BOOL | Anlaufüberbrückung FU FM-Dosierpumpe WP2 |
| M81.5 | M 81.5 | BOOL | Flanke Zählimpuls Flockungsmittel Winkelpresse |
| M81.7 | M 81.7 | BOOL | Störung FM-Dosierpumpe WP2 |
| M82.2 | M 82.2 | BOOL | (TP) Vorwahl Regler Hand |
| M85.0 | M 85.0 | BOOL | Störung Schlammpumpe WP2 |
| M85.1 | M 85.1 | BOOL | Schlammpumpe WP2 Hand |
| M85.2 | M 85.2 | BOOL | Schlammpumpe WP2 Automatik |
| M85.3 | M 85.3 | BOOL | Schlammpumpe WP2 in Betrieb |
| M85.7 | M 85.7 | BOOL | Anlaufüberbrückung FU Schlammpumpe WP2 |
| M86.7 | M 86.7 | BOOL | Störung Schlammpumpe WP2 |
| M88.2 | M 88.2 | BOOL | (TP) Vorwahl Regler Hand |
| M91.2 | M 91.2 | BOOL | (TP) Vorwahl Regler Hand |
| M92.2 | M 92.2 | BOOL | (TP) Vorwahl Regler FHM Hand |

| Symbol | Adresse | Datentyp | Kommentar |
|--------|---------|----------|---|
| M150.3 | M 150.3 | BOOL | Störung bauseitige Förderschnecken WP1+WP2 |
| M153.6 | M 153.6 | BOOL | (TP) Meldung und Überwachung Motorschutz Rührwerk 1 |
| M153.7 | M 153.7 | BOOL | (TP) Meldung und Überwachung Motorschutz Rührwerk 2 |
| M154.0 | M 154.0 | BOOL | (TP) Meldung und Überwachung Motorschutz Rührwerk 3 |
| M154.1 | M 154.1 | BOOL | (TP) Meldung und Überwachung Motorschutz Dosierschnecke |
| M154.2 | M 154.2 | BOOL | (TP) Meldung und Überwachung Motorschutz Flüssigpolypumpe |
| M154.3 | M 154.3 | BOOL | (TP) Meldung und Überwachung Wassermangel FM-Aufbereitung W P1 + WP2 |
| M154.4 | M 154.4 | BOOL | (TP) Meldung und Überwachung zu hohe Statortemp. Flüssigpolypumpe |
| T1 | T 1 | TIMER | Freigabe Schalterabfrage |
| T2 | T 2 | TIMER | Zeitdauer Anfahrwarnung (Hupe) |
| T3 | T 3 | TIMER | Anfahrwarnung Pausendauer |
| T6 | T 6 | TIMER | Zeit für Druckaufbau zum spannen der Siebe |
| T7 | T 7 | TIMER | Anlaufüberbrückung Frequenzumformer Antrieb Winkelpresse |
| T8 | T 8 | TIMER | (TP) Meldung und Überwachung zu wenig Druck Siebreinigungswasser Winkelpresse |
| T10 | T 10 | TIMER | Anlaufüberbrückung FU FM-Dosierpumpe Winkelpresse 1 |
| T11 | T 11 | TIMER | Überwachung Schlammkontrollschalter Winkelpresse |
| T12 | T 12 | TIMER | Überwachung Durchfluß Flockungsmittel Winkelpresse |
| T13 | T 13 | TIMER | Freigabe Schlammpumpe Winkelpresse 1 Automatik |
| T14 | T 14 | TIMER | Anlaufüberbrückung FU Schlammpumpe Winkelpresse 1 |
| T15 | T 15 | TIMER | Überwachung Überdruck Schlammpumpe Winkelpresse |
| T16 | T 16 | TIMER | Überwachung Durchfluß Schlammzulauf Winkelpresse 1 |
| T17 | T 17 | TIMER | Verzögerung Automatische Regelung Schlammpumpe Winkelpresse |
| T50 | T 50 | TIMER | Freigabe Schalterabfrage WP2 |
| T51 | T 51 | TIMER | Zeitdauer Anfahrwarnung (Hupe) |
| T52 | T 52 | TIMER | Anfahrwarnung Pausendauer |
| T53 | T 53 | TIMER | Zeit für Druckaufbau Siebspannung WP2 |
| T54 | T 54 | TIMER | Anlaufüberbrückung FU Antrieb WP2 |
| T55 | T 55 | TIMER | Überwachung Trockenlaufschutz Siebreinigungspumpe WP2 |
| T56 | T 56 | TIMER | Anlaufüberbrückung Frequenzumformer FM-Dosierpumpe WP2 |
| T57 | T 57 | TIMER | Überwachung Schlammkontrollschalter WP2 |
| T58 | T 58 | TIMER | Überwachung zu wenig Durchfluß Flockungsmittel WP2 |
| T59 | T 59 | TIMER | Freigabe Schlammpumpe WP2 Automatik |
| T60 | T 60 | TIMER | Anlaufüberbrückung FU Schlammpumpe WP2 |
| T61 | T 61 | TIMER | Überwachung zu wenig Durchfluß Schlammpumpe WP2 |
| T86 | T 86 | TIMER | FM-Aufbereitung WP1+WP2 Freigabe Dosierschnecke |
| T87 | T 87 | TIMER | FM-Aufbereitung WP1+WP2 Freigabe Flüssigpolypumpe |
| T88 | T 88 | TIMER | Überwachung Wassermangel FM-Aufbereitung WP1+WP2 |
| T117 | T 117 | TIMER | Verzögerung Automatik |

| Operand | Symbol | Baustein | Art | Sprache | Details | |
|---------|--------|---------------|------|---------|---------|-----------|
| E | 0.0 | =150+CP-K1 | FC2 | R | KOP | NW 3 /U |
| E | 0.0 | =150+CP-K1 | FC40 | R | FUP | NW 2 /O |
| E | 0.0 | =150+CP-K1 | FC25 | R | KOP | NW 4 /U |
| E | 0.0 | =150+CP-K1 | FC15 | R | KOP | NW 3 /U |
| E | 0.0 | =150+CP-K1 | FC2 | R | KOP | NW 2 /UN |
| E | 0.0 | =150+CP-K1 | FC15 | R | KOP | NW 2 /U |
| E | 0.0 | =150+CP-K1 | FC20 | R | KOP | NW 3 /U |
| E | 0.0 | =150+CP-K1 | FC25 | R | KOP | NW 2 /U |
| E | 0.0 | =150+CP-K1 | FC35 | R | KOP | NW 4 /U |
| E | 0.0 | =150+CP-K1 | FC30 | R | KOP | NW 4 /U |
| E | 0.0 | =150+CP-K1 | FC2 | R | KOP | NW 5 /U |
| E | 0.0 | =150+CP-K1 | FC2 | R | KOP | NW 1 /U |
| E | 0.0 | =150+CP-K1 | FC35 | R | KOP | NW 3 /U |
| E | 0.0 | =150+CP-K1 | FC13 | R | FUP | NW 4 /U |
| E | 0.0 | =150+CP-K1 | FC13 | R | FUP | NW 3 /U |
| E | 0.0 | =150+CP-K1 | FC2 | R | KOP | NW 9 /U |
| E | 0.0 | =150+CP-K1 | FC25 | R | KOP | NW 3 /U |
| E | 0.0 | =150+CP-K1 | FC13 | R | FUP | NW 2 /O |
| E | 0.0 | =150+CP-K1 | FC30 | R | KOP | NW 3 /U |
| E | 0.0 | =150+CP-K1 | FC20 | R | KOP | NW 4 /U |
| E | 0.0 | =150+CP-K1 | FC35 | R | KOP | NW 2 /U |
| E | 0.0 | =150+CP-K1 | FC7 | R | KOP | NW 2 /U |
| E | 0.0 | =150+CP-K1 | FC5 | R | KOP | NW 2 /U |
| E | 0.0 | =150+CP-K1 | FC40 | R | FUP | NW 3 /O |
| E | 0.0 | =150+CP-K1 | FC5 | R | KOP | NW 5 /ON |
| E | 0.0 | =150+CP-K1 | FC20 | R | KOP | NW 2 /U |
| E | 0.0 | =150+CP-K1 | FC15 | R | KOP | NW 4 /U |
| E | 0.0 | =150+CP-K1 | FC30 | R | KOP | NW 2 /U |
| E | 0.1 | =100+CP-F20 | FC2 | R | KOP | NW 10 /UN |
| E | 0.2 | =150+CP-A1 | FC2 | R | KOP | NW 11 /UN |
| E | 0.2 | =150+CP-A1 | FC52 | R | FUP | NW 11 /UN |
| E | 0.2 | =150+CP-A1 | FC52 | R | FUP | NW 1 /U |
| E | 0.2 | =150+CP-A1 | FC52 | R | FUP | NW 3 /U |
| E | 0.2 | =150+CP-A1 | FC2 | R | KOP | NW 5 /U |
| E | 0.2 | =150+CP-A1 | FC2 | R | KOP | NW 3 /U |
| E | 0.2 | =150+CP-A1 | FC52 | R | FUP | NW 5 /U |
| E | 0.2 | =150+CP-A1 | FC2 | R | KOP | NW 1 /U |
| E | 0.6 | =200+CP-POT1 | FC13 | R | FUP | NW 10 /U |
| E | 0.7 | =200+CP-POT2 | FC13 | R | FUP | NW 7 /U |
| E | 1.0 | =250+CP-Q1 | FC15 | R | KOP | NW 10 /UN |
| E | 1.1 | =250+CP-K1M. | FC15 | R | KOP | NW 6 /U |
| E | 1.2 | =300+WP1-S7 | FC20 | R | KOP | NW 12 /UN |
| E | 1.3 | =300+CP-Q1 | FC20 | R | KOP | NW 10 /UN |
| E | 1.4 | =300+CP-U1/02 | FC20 | R | KOP | NW 11 /UN |
| E | 1.4 | =300+CP-U1/02 | FC20 | R | KOP | NW 11 /UN |
| E | 1.5 | =300+CP-U1/05 | FC20 | R | KOP | NW 11 /UN |
| E | 1.5 | =300+CP-U1/05 | FC20 | R | KOP | NW 6 /U |
| E | 1.6 | =300+WP1-S2 | FC20 | R | KOP | NW 13 /UN |
| E | 1.7 | =300+WP1-S3 | FC20 | R | KOP | NW 14 /UN |
| E | 2.0 | =300+WP1-S4 | FC20 | R | KOP | NW 15 /UN |
| E | 2.1 | =300+WP1-S5 | FC20 | R | KOP | NW 16 /UN |
| E | 2.2 | =350+CP-Q1 | FC25 | R | KOP | NW 9 /UN |
| E | 2.3 | =350+CP-K1M | FC25 | R | KOP | NW 6 /U |
| E | 2.4 | =350+LD-S3 | FC25 | R | KOP | NW 10 /UN |
| E | 2.5 | =350+CP-K1T | FC13 | R | FUP | NW 4 /U |
| E | 2.6 | =400+CP-Q1 | FC30 | R | KOP | NW 9 /UN |
| E | 2.7 | =400+CP-U1/02 | FC30 | R | KOP | NW 11 /UN |
| E | 2.7 | =400+CP-U1/02 | FC30 | R | KOP | NW 11 /UN |
| E | 3.0 | =400+CP-U1/05 | FC30 | R | KOP | NW 11 /UN |
| E | 3.0 | =400+CP-U1/05 | FC30 | R | KOP | NW 6 /U |
| E | 3.1 | =400+FMWP-S1 | FC30 | R | KOP | NW 12 /UN |
| E | 3.1 | =400+FMWP-S1 | FC80 | R | FUP | NW 12 /UN |
| E | 3.2 | =400+WP1-S6 | FC30 | R | KOP | NW 13 /U |
| E | 3.3 | =500+CP-Q1 | FC35 | R | KOP | NW 9 /UN |
| E | 3.4 | =500+CP-U1/02 | FC35 | R | KOP | NW 11 /UN |
| E | 3.4 | =500+CP-U1/02 | FC35 | R | KOP | NW 11 /UN |
| E | 3.5 | =500+CP-U1/05 | FC35 | R | KOP | NW 11 /UN |
| E | 3.5 | =500+CP-U1/05 | FC35 | R | KOP | NW 6 /U |
| E | 3.6 | =650+CP-Q1 | FC40 | R | FUP | NW 10 /UN |
| E | 3.7 | =650+CP-Q2 | FC40 | R | FUP | NW 11 /UN |
| E | 4.0 | =650+CP-Q3 | FC40 | R | FUP | NW 12 /UN |
| E | 4.1 | =650+CP-Q4 | FC40 | R | FUP | NW 13 /UN |
| E | 4.2 | =650+CP-Q5 | FC40 | R | FUP | NW 14 /UN |
| E | 4.3 | =650+FMWP-S2 | FC40 | R | FUP | NW 5 /O |
| E | 4.4 | =650+FMWP-S3 | FC40 | R | FUP | NW 8 /UN |

| Operand | Symbol | Baustein | Art | Sprache | Details |
|---------|----------------|----------|-----|---------|-----------|
| E 4.4 | =650+FMWP-S3 | FC40 | R | FUP | NW 7 /UN |
| E 4.4 | =650+FMWP-S3 | FC40 | R | FUP | NW 5 /UN |
| E 4.5 | =650+FMWP-S4 | FC40 | R | FUP | NW 16 /UN |
| E 4.5 | =650+FMWP-S4 | FC40 | R | FUP | NW 8 /U |
| E 4.5 | =650+FMWP-S4 | FC40 | R | FUP | NW 7 /U |
| E 4.6 | =650+CP-U1/6 | FC40 | R | FUP | NW 15 /UN |
| E 100.0 | =2150+CP-K1 | FC13 | R | FUP | NW 5 /U |
| E 100.0 | =2150+CP-K1 | FC75 | R | KOP | NW 4 /U |
| E 100.0 | =2150+CP-K1 | FC75 | R | KOP | NW 2 /U |
| E 100.0 | =2150+CP-K1 | FC70 | R | KOP | NW 2 /U |
| E 100.0 | =2150+CP-K1 | FC85 | R | KOP | NW 4 /U |
| E 100.0 | =2150+CP-K1 | FC52 | R | FUP | NW 3 /U |
| E 100.0 | =2150+CP-K1 | FC85 | R | KOP | NW 2 /U |
| E 100.0 | =2150+CP-K1 | FC52 | R | FUP | NW 2 /UN |
| E 100.0 | =2150+CP-K1 | FC52 | R | FUP | NW 5 /U |
| E 100.0 | =2150+CP-K1 | FC55 | R | KOP | NW 5 /ON |
| E 100.0 | =2150+CP-K1 | FC13 | R | FUP | NW 2 /O |
| E 100.0 | =2150+CP-K1 | FC65 | R | KOP | NW 3 /U |
| E 100.0 | =2150+CP-K1 | FC40 | R | FUP | NW 2 /O |
| E 100.0 | =2150+CP-K1 | FC85 | R | KOP | NW 3 /U |
| E 100.0 | =2150+CP-K1 | FC40 | R | FUP | NW 3 /O |
| E 100.0 | =2150+CP-K1 | FC52 | R | FUP | NW 9 /U |
| E 100.0 | =2150+CP-K1 | FC80 | R | FUP | NW 4 /U |
| E 100.0 | =2150+CP-K1 | FC75 | R | KOP | NW 3 /U |
| E 100.0 | =2150+CP-K1 | FC65 | R | KOP | NW 4 /U |
| E 100.0 | =2150+CP-K1 | FC13 | R | FUP | NW 3 /U |
| E 100.0 | =2150+CP-K1 | FC80 | R | FUP | NW 2 /U |
| E 100.0 | =2150+CP-K1 | FC65 | R | KOP | NW 2 /U |
| E 100.0 | =2150+CP-K1 | FC57 | R | KOP | NW 2 /U |
| E 100.0 | =2150+CP-K1 | FC70 | R | KOP | NW 4 /U |
| E 100.0 | =2150+CP-K1 | FC70 | R | KOP | NW 3 /U |
| E 100.0 | =2150+CP-K1 | FC80 | R | FUP | NW 3 /U |
| E 100.0 | =2150+CP-K1 | FC52 | R | FUP | NW 1 /U |
| E 100.0 | =2150+CP-K1 | FC55 | R | KOP | NW 2 /U |
| E 100.1 | =100+CP-F21 | FC52 | R | FUP | NW 10 /UN |
| E 101.0 | =2250+CP-Q1 | FC65 | R | KOP | NW 10 /UN |
| E 101.1 | =2250+CP-K1M. | FC65 | R | KOP | NW 6 /U |
| E 101.2 | =2300+WP2-S7 | FC70 | R | KOP | NW 12 /UN |
| E 101.3 | =2300+CP-Q1 | FC70 | R | KOP | NW 10 /UN |
| E 101.4 | =2300+CP-U1/02 | FC70 | R | KOP | NW 11 /UN |
| E 101.4 | =2300+CP-U1/02 | FC70 | R | KOP | NW 11 /UN |
| E 101.5 | =2300+CP-U1/05 | FC70 | R | KOP | NW 6 /U |
| E 101.5 | =2300+CP-U1/05 | FC70 | R | KOP | NW 11 /UN |
| E 101.6 | =2300+WP2-S2 | FC70 | R | KOP | NW 13 /UN |
| E 101.7 | =2300+WP2-S3 | FC70 | R | KOP | NW 14 /UN |
| E 102.0 | =2300+WP2-S4 | FC70 | R | KOP | NW 15 /UN |
| E 102.1 | =2300+WP2-S5 | FC70 | R | KOP | NW 16 /UN |
| E 102.2 | =2350+CP-Q1 | FC75 | R | KOP | NW 9 /UN |
| E 102.3 | =2350+CP-K1M | FC75 | R | KOP | NW 6 /U |
| E 102.4 | =2350+LD-S3 | FC75 | R | KOP | NW 10 /UN |
| E 102.5 | =2350+CP-K1T | FC13 | R | FUP | NW 5 /U |
| E 102.6 | =2400+CP-Q1 | FC80 | R | FUP | NW 9 /UN |
| E 102.7 | =2400+CP-U1/02 | FC80 | R | FUP | NW 11 /UN |
| E 102.7 | =2400+CP-U1/02 | FC80 | R | FUP | NW 11 /UN |
| E 103.0 | =2400+CP-U1/05 | FC80 | R | FUP | NW 6 /U |
| E 103.0 | =2400+CP-U1/05 | FC80 | R | FUP | NW 11 /UN |
| E 103.2 | =2400+WP2-S6 | FC80 | R | FUP | NW 13 /U |
| E 103.3 | =2500+CP-Q1 | FC85 | R | KOP | NW 9 /UN |
| E 103.4 | =2500+CP-U1/02 | FC85 | R | KOP | NW 11 /UN |
| E 103.4 | =2500+CP-U1/02 | FC85 | R | KOP | NW 11 /UN |
| E 103.5 | =2500+CP-U1/05 | FC85 | R | KOP | NW 11 /UN |
| E 103.5 | =2500+CP-U1/05 | FC85 | R | KOP | NW 6 /U |
| A 0.0 | =150+BBWP1-SH1 | FC2 | W | KOP | NW 1 /= |
| A 0.1 | =150+CP-K2 | FC11 | W | FUP | NW 2 /= |
| A 0.2 | =150+CP-K3 | FC11 | W | FUP | NW 3 /= |
| A 0.3 | =150+CP-K4 | FC11 | W | FUP | NW 4 /= |
| A 1.0 | =200+CP-K1 | FC13 | R | FUP | NW 7 /U |
| A 1.0 | =200+CP-K1 | FC13 | W | FUP | NW 6 /= |
| A 1.1 | =250+CP-K1M | FC15 | W | KOP | NW 5 /= |
| A 1.1 | =250+CP-K1M | FC15 | R | KOP | NW 6 /U |
| A 1.2 | =300+CP-K1 | FC20 | R | KOP | NW 6 /U |
| A 1.2 | =300+CP-K1 | FC20 | W | KOP | NW 5 /= |
| A 1.3 | =300+CP-K2 | FC20 | W | KOP | NW 17 /= |
| A 1.4 | =300+CP-K3 | FC20 | W | KOP | NW 18 /= |
| A 1.5 | =350+CP-K1 | FC25 | R | KOP | NW 6 /U |

| Operand | Symbol | Baustein | Art | Sprache | Details |
|---------|--------|-----------------|------|---------|--------------|
| A | 1.5 | =350+CP-K1 | FC25 | W | KOP NW 5 /= |
| A | 1.6 | =350+CP-K2 | FC5 | W | KOP NW 4 /= |
| A | 2.0 | =400+CP-K1 | FC30 | R | KOP NW 6 /U |
| A | 2.0 | =400+CP-K1 | FC30 | W | KOP NW 5 /= |
| A | 2.1 | =400+CP-K2 | FC30 | W | KOP NW 15 /= |
| A | 2.2 | =400+CP-K3 | FC30 | W | KOP NW 16 /= |
| A | 2.3 | =500+CP-K1 | FC35 | R | KOP NW 6 /U |
| A | 2.3 | =500+CP-K1 | FC35 | W | KOP NW 5 /= |
| A | 2.4 | =650+CP-K1M | FC40 | R | FUP NW 9 /U |
| A | 2.4 | =650+CP-K1M | FC40 | W | FUP NW 4 /= |
| A | 2.5 | =650+CP-K2M | FC40 | R | FUP NW 9 /U |
| A | 2.5 | =650+CP-K2M | FC40 | W | FUP NW 4 /= |
| A | 2.6 | =650+CP-K3M | FC40 | W | FUP NW 4 /= |
| A | 2.6 | =650+CP-K3M | FC40 | R | FUP NW 9 /U |
| A | 2.7 | =650+CP-K4M | FC40 | W | FUP NW 7 /= |
| A | 3.0 | =650+CP-K5M | FC40 | W | FUP NW 8 /= |
| A | 3.1 | =650+CP-K1 | FC40 | W | FUP NW 6 /= |
| A | 3.1 | =650+CP-K1 | FC40 | R | FUP NW 16 /U |
| A | 4.0 | | FC11 | W | FUP NW 5 /= |
| A | 4.1 | | FC11 | W | FUP NW 6 /= |
| A | 4.2 | | FC11 | W | FUP NW 7 /= |
| A | 4.3 | | FC11 | W | FUP NW 8 /= |
| A | 4.4 | | FC11 | W | FUP NW 9 /= |
| A | 4.5 | | FC11 | W | FUP NW 10 /= |
| A | 4.6 | | FC11 | W | FUP NW 11 /= |
| A | 4.7 | | FC11 | W | FUP NW 12 /= |
| A | 5.0 | | FC61 | W | FUP NW 5 /= |
| A | 5.1 | | FC61 | W | FUP NW 6 /= |
| A | 5.2 | | FC61 | W | FUP NW 7 /= |
| A | 5.3 | | FC61 | W | FUP NW 8 /= |
| A | 5.4 | | FC61 | W | FUP NW 9 /= |
| A | 5.5 | | FC61 | W | FUP NW 10 /= |
| A | 100.0 | =2150+BBWP2-SH2 | FC52 | W | FUP NW 1 /= |
| A | 100.1 | =2150+CP-K2 | FC61 | W | FUP NW 2 /= |
| A | 100.2 | =2150+CP-K3 | FC61 | W | FUP NW 3 /= |
| A | 100.3 | =2150+CP-K4 | FC61 | W | FUP NW 4 /= |
| A | 101.1 | =2250+CP-K1M | FC65 | W | KOP NW 5 /= |
| A | 101.1 | =2250+CP-K1M | FC65 | R | KOP NW 6 /U |
| A | 101.2 | =2300+CP-K1 | FC70 | R | KOP NW 6 /U |
| A | 101.2 | =2300+CP-K1 | FC70 | W | KOP NW 5 /= |
| A | 101.3 | =2300+CP-K2 | FC70 | W | KOP NW 17 /= |
| A | 101.4 | =2300+CP-K3 | FC70 | W | KOP NW 18 /= |
| A | 101.5 | =2350+CP-K1 | FC75 | W | KOP NW 5 /= |
| A | 101.5 | =2350+CP-K1 | FC75 | R | KOP NW 6 /U |
| A | 101.6 | =2350+CP-K2 | FC55 | W | KOP NW 4 /= |
| A | 102.0 | =2400+CP-K1 | FC80 | W | FUP NW 5 /= |
| A | 102.0 | =2400+CP-K1 | FC80 | R | FUP NW 6 /U |
| A | 102.1 | =2400+CP-K2 | FC80 | W | FUP NW 15 /= |
| A | 102.2 | =2400+CP-K3 | FC80 | W | FUP NW 16 /= |
| A | 102.3 | =2500+CP-K1 | FC85 | W | KOP NW 5 /= |
| A | 102.3 | =2500+CP-K1 | FC85 | R | KOP NW 6 /U |
| M | 0.0 | | OB1 | R | FUP NW 2 /U |
| M | 0.0 | | FC88 | R | KOP NW 7 /U |
| M | 0.0 | | FC91 | R | FUP NW 7 /U |
| M | 0.0 | | FC91 | R | FUP NW 7 /U |
| M | 0.0 | | OB1 | W | FUP NW 2 /R |
| M | 0.0 | | FC91 | R | FUP NW 7 /U |
| M | 0.0 | | FC88 | R | KOP NW 7 /U |
| M | 0.0 | | FC91 | R | FUP NW 7 /U |
| M | 0.0 | | FC88 | R | KOP NW 7 /U |
| M | 0.0 | | FC88 | R | KOP NW 7 /U |
| M | 0.0 | | OB1 | W | FUP NW 1 /S |
| M | 0.1 | | FC91 | R | FUP NW 7 /U |
| M | 0.1 | | OB1 | R | FUP NW 1 /UN |
| M | 0.1 | | FC88 | R | KOP NW 7 /U |
| M | 0.1 | | FC88 | R | KOP NW 7 /U |
| M | 0.1 | | FC91 | R | FUP NW 7 /U |
| M | 0.2 | | FC1 | W | FUP NW 8 /= |
| M | 0.2 | | FC1 | R | FUP NW 8 /U |
| M | 1.1 | M1.1 | FC1 | R | FUP NW 4 /UN |
| M | 1.1 | M1.1 | FC1 | R | FUP NW 7 /UN |
| M | 1.1 | M1.1 | FC35 | R | KOP NW 3 /U |
| M | 1.1 | M1.1 | FC1 | R | FUP NW 1 /U |
| M | 1.1 | M1.1 | FC1 | R | FUP NW 2 /U |
| M | 1.1 | M1.1 | FC1 | R | FUP NW 3 /U |

| Operand | | Symbol | Baustein | Art | Sprache | Details | | |
|---------|-----|--------|----------|-----|---------|---------|----|-----|
| M | 1.1 | M1.1 | FC1 | R | FUP | NW | 6 | /UN |
| M | 1.1 | M1.1 | FC2 | R | KOP | NW | 8 | /UN |
| M | 1.1 | M1.1 | FC20 | R | KOP | NW | 3 | /U |
| M | 1.1 | M1.1 | FC1 | R | FUP | NW | 5 | /UN |
| M | 1.1 | M1.1 | FC15 | R | KOP | NW | 3 | /U |
| M | 1.1 | M1.1 | FC30 | R | KOP | NW | 3 | /U |
| M | 1.1 | M1.1 | FC2 | R | KOP | NW | 4 | /U |
| M | 1.1 | M1.1 | FC13 | R | FUP | NW | 3 | /U |
| M | 1.1 | M1.1 | FC2 | W | KOP | NW | 3 | /= |
| M | 1.1 | M1.1 | FC2 | R | KOP | NW | 3 | /O |
| M | 1.1 | M1.1 | FC2 | R | KOP | NW | 5 | /UN |
| M | 1.1 | M1.1 | FC25 | R | KOP | NW | 3 | /U |
| M | 1.1 | M1.1 | FC2 | R | KOP | NW | 7 | /UN |
| M | 1.2 | M1.2 | FC2 | R | KOP | NW | 5 | /O |
| M | 1.2 | M1.2 | FC5 | R | KOP | NW | 2 | /U |
| M | 1.2 | M1.2 | FC2 | W | KOP | NW | 5 | /= |
| M | 1.2 | M1.2 | FC2 | R | KOP | NW | 6 | /U |
| M | 1.2 | M1.2 | FC7 | R | KOP | NW | 3 | /U |
| M | 1.2 | M1.2 | FC30 | R | KOP | NW | 4 | /U |
| M | 1.2 | M1.2 | FC5 | R | KOP | NW | 3 | /U |
| M | 1.2 | M1.2 | FC7 | R | KOP | NW | 2 | /U |
| M | 1.2 | M1.2 | FC15 | R | KOP | NW | 4 | /U |
| M | 1.2 | M1.2 | FC2 | R | KOP | NW | 7 | /UN |
| M | 1.2 | M1.2 | FC2 | R | KOP | NW | 8 | /UN |
| M | 1.2 | M1.2 | FC35 | R | KOP | NW | 4 | /U |
| M | 1.2 | M1.2 | FC2 | R | KOP | NW | 3 | /UN |
| M | 1.2 | M1.2 | FC25 | R | KOP | NW | 4 | /U |
| M | 1.2 | M1.2 | FC1 | R | FUP | NW | 2 | /UN |
| M | 1.2 | M1.2 | FC1 | R | FUP | NW | 5 | /U |
| M | 1.2 | M1.2 | FC1 | R | FUP | NW | 4 | /U |
| M | 1.2 | M1.2 | FC1 | R | FUP | NW | 3 | /UN |
| M | 1.2 | M1.2 | FC13 | R | FUP | NW | 4 | /U |
| M | 1.2 | M1.2 | FC1 | R | FUP | NW | 1 | /UN |
| M | 1.2 | M1.2 | FC20 | R | KOP | NW | 4 | /U |
| M | 1.2 | M1.2 | FC1 | R | FUP | NW | 6 | /U |
| M | 1.2 | M1.2 | FC1 | R | FUP | NW | 7 | /UN |
| M | 1.3 | M1.3 | FC2 | R | KOP | NW | 7 | /O |
| M | 1.3 | M1.3 | FC2 | W | KOP | NW | 7 | /= |
| M | 1.7 | M1.7 | FC20 | R | KOP | NW | 14 | /U |
| M | 1.7 | M1.7 | FC20 | R | KOP | NW | 16 | /U |
| M | 1.7 | M1.7 | FC20 | R | KOP | NW | 11 | /U |
| M | 1.7 | M1.7 | FC35 | R | KOP | NW | 11 | /U |
| M | 1.7 | M1.7 | FC30 | R | KOP | NW | 11 | /U |
| M | 1.7 | M1.7 | FC20 | R | KOP | NW | 15 | /U |
| M | 1.7 | M1.7 | FC30 | R | KOP | NW | 12 | /U |
| M | 1.7 | M1.7 | FC20 | R | KOP | NW | 13 | /U |
| M | 1.7 | M1.7 | FC2 | W | KOP | NW | 9 | /= |
| M | 5.0 | M5.0 | FC13 | R | FUP | NW | 4 | /U |
| M | 5.0 | M5.0 | FC5 | W | KOP | NW | 1 | /= |
| M | 5.0 | M5.0 | FC5 | R | KOP | NW | 2 | /U |
| M | 5.1 | M5.1 | FC5 | W | KOP | NW | 2 | /= |
| M | 5.1 | M5.1 | FC5 | R | KOP | NW | 4 | /O |
| M | 5.1 | M5.1 | FC5 | R | KOP | NW | 3 | /U |
| M | 5.1 | M5.1 | FC5 | R | KOP | NW | 6 | /U |
| M | 5.1 | M5.1 | FC13 | R | FUP | NW | 4 | /U |
| M | 5.1 | M5.1 | FC5 | R | KOP | NW | 2 | /O |
| M | 5.1 | M5.1 | FC5 | R | KOP | NW | 5 | /U |
| M | 5.1 | M5.1 | FC25 | R | KOP | NW | 4 | /O |
| M | 5.1 | M5.1 | FC20 | R | KOP | NW | 4 | /O |
| M | 5.1 | M5.1 | FC5 | R | KOP | NW | 8 | /U |
| M | 5.1 | M5.1 | FC15 | R | KOP | NW | 4 | /O |
| M | 5.4 | M5.4 | FC5 | R | KOP | NW | 5 | /U |
| M | 5.4 | M5.4 | FC5 | R | KOP | NW | 6 | /U |
| M | 5.4 | M5.4 | FC5 | R | KOP | NW | 7 | /U |
| M | 5.4 | M5.4 | FC5 | W | KOP | NW | 5 | /S |
| M | 5.4 | M5.4 | FC5 | W | KOP | NW | 5 | /= |
| M | 5.4 | M5.4 | FC5 | W | KOP | NW | 5 | /R |
| M | 5.5 | M5.5 | FC5 | R | KOP | NW | 7 | /UN |
| M | 5.5 | M5.5 | FC5 | W | KOP | NW | 6 | /= |
| M | 5.6 | M5.6 | FC11 | R | FUP | NW | 2 | /O |
| M | 5.6 | M5.6 | FC5 | W | KOP | NW | 7 | /= |
| M | 5.7 | M5.7 | FC5 | W | KOP | NW | 8 | /= |
| M | 5.7 | M5.7 | FC5 | R | KOP | NW | 5 | /O |
| M | 5.7 | M5.7 | FC13 | R | FUP | NW | 4 | /U |
| M | 6.0 | M6.0 | FC5 | W | KOP | NW | 4 | /R |

| Operand | Symbol | Baustein | Art | Sprache | Details |
|---------|--------|----------|------|---------|--------------|
| M | 6.0 | M6.0 | FC5 | R | KOP NW 4 /U |
| M | 6.0 | M6.0 | FC5 | W | KOP NW 4 /S |
| M | 7.0 | M7.0 | FC7 | W | KOP NW 1 /= |
| M | 7.0 | M7.0 | FC7 | R | KOP NW 2 /U |
| M | 7.1 | M7.1 | FC5 | R | KOP NW 4 /O |
| M | 7.1 | M7.1 | FC7 | W | KOP NW 2 /= |
| M | 7.1 | M7.1 | FC7 | R | KOP NW 2 /O |
| M | 7.1 | M7.1 | FC7 | R | KOP NW 3 /U |
| M | 7.1 | M7.1 | FC35 | R | KOP NW 4 /O |
| M | 7.1 | M7.1 | FC30 | R | KOP NW 4 /O |
| M | 10.5 | | FC35 | R | KOP NW 7 /U |
| M | 10.5 | | FC75 | R | KOP NW 7 /U |
| M | 10.5 | | FC20 | R | KOP NW 7 /U |
| M | 10.5 | | FC30 | R | KOP NW 7 /U |
| M | 10.5 | | FC85 | R | KOP NW 7 /U |
| M | 10.5 | | FC80 | R | FUP NW 7 /U |
| M | 10.5 | | FC13 | R | FUP NW 8 /U |
| M | 10.5 | | FC40 | R | FUP NW 9 /U |
| M | 10.5 | | FC15 | R | KOP NW 7 /U |
| M | 10.5 | | FC70 | R | KOP NW 7 /U |
| M | 10.5 | | FC25 | R | KOP NW 7 /U |
| M | 10.5 | | FC65 | R | KOP NW 7 /U |
| M | 10.7 | M10.7 | FC57 | R | KOP NW 3 /U |
| M | 10.7 | M10.7 | FC55 | R | KOP NW 3 /U |
| M | 10.7 | M10.7 | FC5 | R | KOP NW 3 /U |
| M | 10.7 | M10.7 | FC7 | R | KOP NW 3 /U |
| M | 10.7 | M10.7 | FC91 | R | FUP NW 13 /U |
| M | 10.7 | M10.7 | FC88 | R | KOP NW 13 /U |
| M | 11.6 | M11.6 | FC11 | R | FUP NW 1 /U |
| M | 11.6 | M11.6 | FC11 | R | FUP NW 2 /O |
| M | 11.6 | M11.6 | FC11 | W | FUP NW 1 /R |
| M | 11.6 | M11.6 | FC11 | W | FUP NW 1 /= |
| M | 11.6 | M11.6 | FC11 | W | FUP NW 1 /S |
| M | 13.0 | M13.0 | FC13 | R | FUP NW 6 /UN |
| M | 13.0 | M13.0 | FC13 | R | FUP NW 3 /UN |
| M | 13.0 | M13.0 | FC13 | R | FUP NW 5 /UN |
| M | 13.0 | M13.0 | FC11 | R | FUP NW 4 /O |
| M | 13.0 | M13.0 | FC13 | W | FUP NW 2 /= |
| M | 13.0 | M13.0 | FC13 | R | FUP NW 1 /U |
| M | 13.0 | M13.0 | FC11 | R | FUP NW 1 /U |
| M | 13.0 | M13.0 | FC55 | R | KOP NW 1 /UN |
| M | 13.0 | M13.0 | FC13 | R | FUP NW 4 /UN |
| M | 13.0 | M13.0 | FC13 | R | FUP NW 8 /U |
| M | 13.0 | M13.0 | FC61 | R | FUP NW 1 /U |
| M | 13.0 | M13.0 | FC61 | R | FUP NW 4 /O |
| M | 13.0 | M13.0 | FC5 | R | KOP NW 1 /UN |
| M | 13.1 | M13.1 | FC13 | W | FUP NW 3 /= |
| M | 13.1 | M13.1 | FC13 | R | FUP NW 6 /O |
| M | 13.1 | M13.1 | FC13 | R | FUP NW 3 /O |
| M | 13.2 | M13.2 | FC13 | R | FUP NW 6 /O |
| M | 13.2 | M13.2 | FC13 | R | FUP NW 4 /O |
| M | 13.2 | M13.2 | FC13 | W | FUP NW 4 /= |
| M | 13.3 | M13.3 | FC11 | R | FUP NW 3 /U |
| M | 13.3 | M13.3 | FC65 | R | KOP NW 4 /U |
| M | 13.3 | M13.3 | FC15 | R | KOP NW 4 /U |
| M | 13.3 | M13.3 | FC13 | R | FUP NW 9 /U |
| M | 13.3 | M13.3 | FC13 | R | FUP NW 8 /O |
| M | 13.3 | M13.3 | FC61 | R | FUP NW 3 /U |
| M | 13.3 | M13.3 | FC13 | W | FUP NW 7 /= |
| M | 14.2 | M14.2 | FC13 | R | FUP NW 6 /O |
| M | 14.2 | M14.2 | FC13 | W | FUP NW 5 /= |
| M | 14.2 | M14.2 | FC13 | R | FUP NW 5 /O |
| M | 14.7 | M14.7 | FC13 | W | FUP NW 1 /= |
| M | 14.7 | M14.7 | FC61 | R | FUP NW 1 /UN |
| M | 14.7 | M14.7 | FC11 | R | FUP NW 1 /UN |
| M | 15.0 | M15.0 | FC15 | W | KOP NW 2 /= |
| M | 15.0 | M15.0 | FC15 | R | KOP NW 7 /U |
| M | 15.0 | M15.0 | FC15 | R | KOP NW 4 /UN |
| M | 15.0 | M15.0 | FC15 | R | KOP NW 3 /UN |
| M | 15.0 | M15.0 | FC15 | R | KOP NW 5 /UN |
| M | 15.0 | M15.0 | FC15 | R | KOP NW 1 /U |
| M | 15.0 | M15.0 | FC5 | R | KOP NW 1 /UN |
| M | 15.0 | M15.0 | FC11 | R | FUP NW 1 /U |
| M | 15.0 | M15.0 | FC11 | R | FUP NW 4 /O |
| M | 15.1 | M15.1 | FC15 | W | KOP NW 3 /= |

| Operand | Symbol | Baustein | Art | Sprache | Details |
|---------|--------|----------|-----|---------|----------|
| M 15.1 | M15.1 | FC15 | R | KOP | NW 5 /O |
| M 15.1 | M15.1 | FC15 | R | KOP | NW 3 /O |
| M 15.2 | M15.2 | FC15 | R | KOP | NW 4 /O |
| M 15.2 | M15.2 | FC15 | W | KOP | NW 4 /= |
| M 15.2 | M15.2 | FC15 | R | KOP | NW 5 /O |
| M 15.3 | M15.3 | FC5 | R | KOP | NW 5 /UN |
| M 15.3 | M15.3 | FC20 | R | KOP | NW 3 /U |
| M 15.3 | M15.3 | FC15 | R | KOP | NW 9 /U |
| M 15.3 | M15.3 | FC15 | R | KOP | NW 8 /U |
| M 15.3 | M15.3 | FC5 | R | KOP | NW 5 /O |
| M 15.3 | M15.3 | FC11 | R | FUP | NW 3 /U |
| M 15.3 | M15.3 | FC15 | W | KOP | NW 6 /= |
| M 15.3 | M15.3 | FC15 | R | KOP | NW 7 /O |
| M 15.4 | M15.4 | FC15 | W | KOP | NW 9 /= |
| M 15.4 | M15.4 | FC20 | R | KOP | NW 4 /U |
| M 16.7 | M16.7 | FC15 | W | KOP | NW 1 /= |
| M 16.7 | M16.7 | FC11 | R | FUP | NW 1 /UN |
| M 20.0 | M20.0 | FC20 | R | KOP | NW 7 /U |
| M 20.0 | M20.0 | FC5 | R | KOP | NW 1 /UN |
| M 20.0 | M20.0 | FC20 | R | KOP | NW 4 /UN |
| M 20.0 | M20.0 | FC11 | R | FUP | NW 1 /U |
| M 20.0 | M20.0 | FC11 | R | FUP | NW 4 /O |
| M 20.0 | M20.0 | FC20 | R | KOP | NW 1 /U |
| M 20.0 | M20.0 | FC20 | R | KOP | NW 5 /UN |
| M 20.0 | M20.0 | FC20 | W | KOP | NW 2 /= |
| M 20.0 | M20.0 | FC20 | R | KOP | NW 3 /UN |
| M 20.1 | M20.1 | FC20 | W | KOP | NW 3 /= |
| M 20.1 | M20.1 | FC20 | R | KOP | NW 3 /O |
| M 20.1 | M20.1 | FC20 | R | KOP | NW 5 /O |
| M 20.2 | M20.2 | FC20 | W | KOP | NW 4 /= |
| M 20.2 | M20.2 | FC20 | R | KOP | NW 5 /O |
| M 20.2 | M20.2 | FC20 | R | KOP | NW 4 /O |
| M 20.3 | M20.3 | FC20 | W | KOP | NW 6 /= |
| M 20.3 | M20.3 | FC20 | R | KOP | NW 7 /O |
| M 20.3 | M20.3 | FC11 | R | FUP | NW 3 /U |
| M 20.3 | M20.3 | FC20 | R | KOP | NW 8 /U |
| M 20.3 | M20.3 | FC20 | R | KOP | NW 18 /U |
| M 20.3 | M20.3 | FC25 | R | KOP | NW 4 /U |
| M 20.3 | M20.3 | FC20 | R | KOP | NW 17 /U |
| M 20.3 | M20.3 | FC20 | R | KOP | NW 9 /U |
| M 20.3 | M20.3 | FC87 | R | KOP | NW 2 /UN |
| M 20.4 | M20.4 | FC20 | R | KOP | NW 11 /U |
| M 20.4 | M20.4 | FC20 | W | KOP | NW 9 /= |
| M 21.7 | M21.7 | FC11 | R | FUP | NW 1 /UN |
| M 21.7 | M21.7 | FC20 | W | KOP | NW 1 /= |
| M 25.0 | M25.0 | FC20 | R | KOP | NW 4 /UN |
| M 25.0 | M25.0 | FC11 | R | FUP | NW 1 /U |
| M 25.0 | M25.0 | FC25 | R | KOP | NW 5 /UN |
| M 25.0 | M25.0 | FC5 | R | KOP | NW 1 /UN |
| M 25.0 | M25.0 | FC25 | R | KOP | NW 4 /UN |
| M 25.0 | M25.0 | FC11 | R | FUP | NW 12 /U |
| M 25.0 | M25.0 | FC25 | R | KOP | NW 3 /UN |
| M 25.0 | M25.0 | FC25 | R | KOP | NW 1 /U |
| M 25.0 | M25.0 | FC11 | R | FUP | NW 4 /O |
| M 25.0 | M25.0 | FC25 | R | KOP | NW 7 /U |
| M 25.0 | M25.0 | FC25 | W | KOP | NW 2 /= |
| M 25.1 | M25.1 | FC25 | R | KOP | NW 5 /O |
| M 25.1 | M25.1 | FC25 | W | KOP | NW 3 /= |
| M 25.1 | M25.1 | FC25 | R | KOP | NW 3 /O |
| M 25.2 | M25.2 | FC25 | R | KOP | NW 4 /O |
| M 25.2 | M25.2 | FC25 | R | KOP | NW 5 /O |
| M 25.2 | M25.2 | FC25 | W | KOP | NW 4 /= |
| M 25.3 | M25.3 | FC11 | R | FUP | NW 3 /U |
| M 25.3 | M25.3 | FC30 | R | KOP | NW 4 /U |
| M 25.3 | M25.3 | FC25 | R | KOP | NW 7 /O |
| M 25.3 | M25.3 | FC7 | R | KOP | NW 1 /U |
| M 25.3 | M25.3 | FC25 | R | KOP | NW 10 /U |
| M 25.3 | M25.3 | FC5 | R | KOP | NW 2 /UN |
| M 25.3 | M25.3 | FC25 | R | KOP | NW 8 /U |
| M 25.3 | M25.3 | FC5 | R | KOP | NW 3 /U |
| M 25.3 | M25.3 | FC11 | R | FUP | NW 11 /U |
| M 25.3 | M25.3 | FC25 | W | KOP | NW 6 /= |
| M 26.7 | M26.7 | FC25 | W | KOP | NW 1 /= |
| M 26.7 | M26.7 | FC11 | R | FUP | NW 1 /UN |
| M 30.0 | M30.0 | FC7 | R | KOP | NW 1 /UN |

| Operand | Symbol | Baustein | Art | Sprache | Details |
|---------|--------|----------|-----|---------|----------|
| M 30.0 | M30.0 | FC11 | R | FUP | NW 4 /O |
| M 30.0 | M30.0 | FC30 | R | KOP | NW 1 /U |
| M 30.0 | M30.0 | FC30 | R | KOP | NW 7 /U |
| M 30.0 | M30.0 | FC30 | R | KOP | NW 4 /UN |
| M 30.0 | M30.0 | FC5 | R | KOP | NW 4 /O |
| M 30.0 | M30.0 | FC11 | R | FUP | NW 1 /U |
| M 30.0 | M30.0 | FC30 | W | KOP | NW 2 /= |
| M 30.0 | M30.0 | FC30 | R | KOP | NW 3 /UN |
| M 30.0 | M30.0 | FC11 | R | FUP | NW 10 /U |
| M 30.0 | M30.0 | FC30 | R | KOP | NW 5 /UN |
| M 30.1 | M30.1 | FC30 | R | KOP | NW 5 /O |
| M 30.1 | M30.1 | FC30 | W | KOP | NW 3 /= |
| M 30.1 | M30.1 | FC30 | R | KOP | NW 3 /O |
| M 30.2 | M30.2 | FC30 | W | KOP | NW 4 /= |
| M 30.2 | M30.2 | FC30 | R | KOP | NW 4 /O |
| M 30.2 | M30.2 | FC30 | R | KOP | NW 5 /O |
| M 30.3 | M30.3 | FC89 | R | FUP | NW 2 /UN |
| M 30.3 | M30.3 | FC30 | R | KOP | NW 16 /U |
| M 30.3 | M30.3 | FC30 | R | KOP | NW 15 /U |
| M 30.3 | M30.3 | FC30 | W | KOP | NW 6 /= |
| M 30.3 | M30.3 | FC30 | R | KOP | NW 8 /U |
| M 30.3 | M30.3 | FC30 | R | KOP | NW 7 /O |
| M 30.3 | M30.3 | FC30 | R | KOP | NW 10 /U |
| M 30.3 | M30.3 | FC11 | R | FUP | NW 9 /U |
| M 30.3 | M30.3 | FC11 | R | FUP | NW 3 /U |
| M 30.3 | M30.3 | FC35 | R | KOP | NW 4 /U |
| M 30.3 | M30.3 | FC30 | R | KOP | NW 14 /U |
| M 30.7 | M30.7 | FC30 | W | KOP | NW 10 /= |
| M 30.7 | M30.7 | FC30 | R | KOP | NW 11 /U |
| M 31.7 | M31.7 | FC30 | W | KOP | NW 1 /= |
| M 31.7 | M31.7 | FC11 | R | FUP | NW 1 /UN |
| M 35.0 | M35.0 | FC11 | R | FUP | NW 6 /U |
| M 35.0 | M35.0 | FC11 | R | FUP | NW 1 /U |
| M 35.0 | M35.0 | FC5 | R | KOP | NW 4 /O |
| M 35.0 | M35.0 | FC7 | R | KOP | NW 1 /UN |
| M 35.0 | M35.0 | FC30 | R | KOP | NW 4 /UN |
| M 35.0 | M35.0 | FC11 | R | FUP | NW 4 /O |
| M 35.0 | M35.0 | FC35 | R | KOP | NW 4 /UN |
| M 35.0 | M35.0 | FC35 | R | KOP | NW 5 /UN |
| M 35.0 | M35.0 | FC35 | W | KOP | NW 2 /= |
| M 35.0 | M35.0 | FC35 | R | KOP | NW 3 /UN |
| M 35.0 | M35.0 | FC35 | R | KOP | NW 7 /U |
| M 35.0 | M35.0 | FC35 | R | KOP | NW 1 /U |
| M 35.1 | M35.1 | FC35 | R | KOP | NW 3 /O |
| M 35.1 | M35.1 | FC35 | W | KOP | NW 3 /= |
| M 35.1 | M35.1 | FC35 | R | KOP | NW 5 /O |
| M 35.2 | M35.2 | FC35 | W | KOP | NW 4 /= |
| M 35.2 | M35.2 | FC35 | R | KOP | NW 5 /O |
| M 35.2 | M35.2 | FC35 | R | KOP | NW 4 /O |
| M 35.3 | M35.3 | FC35 | W | KOP | NW 6 /= |
| M 35.3 | M35.3 | FC35 | R | KOP | NW 7 /O |
| M 35.3 | M35.3 | FC30 | R | KOP | NW 13 /U |
| M 35.3 | M35.3 | FC11 | R | FUP | NW 3 /U |
| M 35.3 | M35.3 | FC88 | R | KOP | NW 7 /U |
| M 35.3 | M35.3 | FC88 | R | KOP | NW 2 /UN |
| M 35.3 | M35.3 | FC11 | R | FUP | NW 5 /U |
| M 35.3 | M35.3 | FC88 | R | KOP | NW 6 /U |
| M 35.3 | M35.3 | FC88 | R | KOP | NW 7 /UN |
| M 35.3 | M35.3 | FC7 | R | KOP | NW 3 /U |
| M 35.3 | M35.3 | FC88 | R | KOP | NW 7 /U |
| M 35.3 | M35.3 | FC35 | R | KOP | NW 8 /U |
| M 35.3 | M35.3 | FC35 | R | KOP | NW 10 /U |
| M 35.3 | M35.3 | FC88 | R | KOP | NW 8 /U |
| M 35.3 | M35.3 | FC7 | R | KOP | NW 2 /UN |
| M 35.3 | M35.3 | FC35 | R | KOP | NW 12 /U |
| M 35.3 | M35.3 | FC88 | R | KOP | NW 9 /U |
| M 35.7 | M35.7 | FC35 | R | KOP | NW 11 /U |
| M 35.7 | M35.7 | FC35 | W | KOP | NW 10 /= |
| M 36.7 | M36.7 | FC35 | W | KOP | NW 1 /= |
| M 36.7 | M36.7 | FC11 | R | FUP | NW 1 /UN |
| M 40.0 | M40.0 | FC40 | W | FUP | NW 2 /= |
| M 40.0 | M40.0 | FC40 | R | FUP | NW 5 /UN |
| M 40.0 | M40.0 | FC61 | R | FUP | NW 4 /O |
| M 40.0 | M40.0 | FC11 | R | FUP | NW 1 /U |
| M 40.0 | M40.0 | FC40 | R | FUP | NW 1 /O |

| Operand | Symbol | Baustein | Art | Sprache | Details |
|---------|--------|----------|-----|---------|-----------|
| M 40.0 | M40.0 | FC61 | R | FUP | NW 1 /U |
| M 40.0 | M40.0 | FC11 | R | FUP | NW 8 /U |
| M 40.0 | M40.0 | FC40 | R | FUP | NW 3 /UN |
| M 40.0 | M40.0 | FC11 | R | FUP | NW 4 /O |
| M 40.0 | M40.0 | FC40 | R | FUP | NW 9 /U |
| M 40.1 | M40.1 | FC40 | R | FUP | NW 9 /U |
| M 40.1 | M40.1 | FC11 | R | FUP | NW 7 /U |
| M 40.1 | M40.1 | FC40 | R | FUP | NW 5 /U |
| M 40.1 | M40.1 | FC40 | R | FUP | NW 3 /O |
| M 40.1 | M40.1 | FC40 | R | FUP | NW 6 /U |
| M 40.1 | M40.1 | FC40 | R | FUP | NW 4 /U |
| M 40.1 | M40.1 | FC40 | W | FUP | NW 3 /= |
| M 40.2 | M40.2 | FC40 | R | FUP | NW 8 /U |
| M 40.2 | M40.2 | FC40 | R | FUP | NW 6 /U |
| M 40.2 | M40.2 | FC40 | R | FUP | NW 7 /U |
| M 40.2 | M40.2 | FC40 | W | FUP | NW 5 /= |
| M 40.2 | M40.2 | FC40 | R | FUP | NW 5 /O |
| M 40.3 | M40.3 | FC40 | R | FUP | NW 18 /UN |
| M 40.3 | M40.3 | FC40 | R | FUP | NW 17 /O |
| M 40.3 | M40.3 | FC40 | R | FUP | NW 7 /U |
| M 40.3 | M40.3 | FC40 | W | FUP | NW 17 /= |
| M 40.3 | M40.3 | FC40 | R | FUP | NW 13 /U |
| M 40.4 | M40.4 | FC40 | W | FUP | NW 18 /= |
| M 40.4 | M40.4 | FC40 | R | FUP | NW 15 /U |
| M 40.4 | M40.4 | FC40 | R | FUP | NW 8 /U |
| M 40.4 | M40.4 | FC40 | R | FUP | NW 18 /O |
| M 40.4 | M40.4 | FC40 | R | FUP | NW 14 /U |
| M 40.4 | M40.4 | FC40 | R | FUP | NW 17 /UN |
| M 41.7 | M41.7 | FC61 | R | FUP | NW 1 /UN |
| M 41.7 | M41.7 | FC61 | R | FUP | NW 1 /UN |
| M 41.7 | M41.7 | FC40 | W | FUP | NW 1 /= |
| M 41.7 | M41.7 | FC11 | R | FUP | NW 1 /UN |
| M 41.7 | M41.7 | FC11 | R | FUP | NW 1 /UN |
| M 50.2 | | FC51 | R | FUP | NW 8 /U |
| M 50.2 | | FC51 | W | FUP | NW 8 /= |
| M 52.1 | M52.1 | FC13 | R | FUP | NW 3 /U |
| M 52.1 | M52.1 | FC75 | R | KOP | NW 3 /U |
| M 52.1 | M52.1 | FC51 | R | FUP | NW 7 /UN |
| M 52.1 | M52.1 | FC51 | R | FUP | NW 5 /UN |
| M 52.1 | M52.1 | FC70 | R | KOP | NW 3 /U |
| M 52.1 | M52.1 | FC80 | R | FUP | NW 3 /U |
| M 52.1 | M52.1 | FC51 | R | FUP | NW 6 /UN |
| M 52.1 | M52.1 | FC52 | R | FUP | NW 4 /U |
| M 52.1 | M52.1 | FC52 | W | FUP | NW 3 /= |
| M 52.1 | M52.1 | FC52 | R | FUP | NW 8 /UN |
| M 52.1 | M52.1 | FC52 | R | FUP | NW 5 /UN |
| M 52.1 | M52.1 | FC85 | R | KOP | NW 3 /U |
| M 52.1 | M52.1 | FC65 | R | KOP | NW 3 /U |
| M 52.1 | M52.1 | FC52 | R | FUP | NW 3 /O |
| M 52.1 | M52.1 | FC51 | R | FUP | NW 2 /U |
| M 52.1 | M52.1 | FC51 | R | FUP | NW 4 /UN |
| M 52.1 | M52.1 | FC51 | R | FUP | NW 3 /U |
| M 52.1 | M52.1 | FC51 | R | FUP | NW 1 /U |
| M 52.1 | M52.1 | FC52 | R | FUP | NW 7 /UN |
| M 52.2 | M52.2 | FC52 | R | FUP | NW 8 /UN |
| M 52.2 | M52.2 | FC51 | R | FUP | NW 5 /U |
| M 52.2 | M52.2 | FC13 | R | FUP | NW 5 /U |
| M 52.2 | M52.2 | FC85 | R | KOP | NW 4 /U |
| M 52.2 | M52.2 | FC51 | R | FUP | NW 6 /U |
| M 52.2 | M52.2 | FC52 | W | FUP | NW 5 /= |
| M 52.2 | M52.2 | FC52 | R | FUP | NW 5 /O |
| M 52.2 | M52.2 | FC51 | R | FUP | NW 7 /UN |
| M 52.2 | M52.2 | FC51 | R | FUP | NW 3 /UN |
| M 52.2 | M52.2 | FC51 | R | FUP | NW 1 /UN |
| M 52.2 | M52.2 | FC51 | R | FUP | NW 2 /UN |
| M 52.2 | M52.2 | FC52 | R | FUP | NW 6 /U |
| M 52.2 | M52.2 | FC80 | R | FUP | NW 4 /U |
| M 52.2 | M52.2 | FC70 | R | KOP | NW 4 /U |
| M 52.2 | M52.2 | FC52 | R | FUP | NW 7 /UN |
| M 52.2 | M52.2 | FC51 | R | FUP | NW 4 /U |
| M 52.2 | M52.2 | FC55 | R | KOP | NW 2 /U |
| M 52.2 | M52.2 | FC57 | R | KOP | NW 2 /U |
| M 52.2 | M52.2 | FC65 | R | KOP | NW 4 /U |
| M 52.2 | M52.2 | FC57 | R | KOP | NW 3 /U |
| M 52.2 | M52.2 | FC55 | R | KOP | NW 3 /U |

| Operand | Symbol | Baustein | Art | Sprache | Details |
|---------|--------|----------|-----|---------|----------|
| M 52.2 | M52.2 | FC52 | R | FUP | NW 3 /UN |
| M 52.2 | M52.2 | FC75 | R | KOP | NW 4 /U |
| M 52.3 | M52.3 | FC52 | R | FUP | NW 7 /O |
| M 52.3 | M52.3 | FC52 | W | FUP | NW 7 /= |
| M 52.7 | M52.7 | FC70 | R | KOP | NW 13 /U |
| M 52.7 | M52.7 | FC52 | W | FUP | NW 9 /= |
| M 52.7 | M52.7 | FC70 | R | KOP | NW 14 /U |
| M 52.7 | M52.7 | FC70 | R | KOP | NW 16 /U |
| M 52.7 | M52.7 | FC85 | R | KOP | NW 11 /U |
| M 52.7 | M52.7 | FC70 | R | KOP | NW 15 /U |
| M 52.7 | M52.7 | FC80 | R | FUP | NW 11 /U |
| M 52.7 | M52.7 | FC70 | R | KOP | NW 11 /U |
| M 52.7 | M52.7 | FC80 | R | FUP | NW 12 /U |
| M 55.0 | M55.0 | FC55 | R | KOP | NW 2 /U |
| M 55.0 | M55.0 | FC55 | W | KOP | NW 1 /= |
| M 55.0 | M55.0 | FC13 | R | FUP | NW 5 /U |
| M 55.1 | M55.1 | FC55 | R | KOP | NW 4 /O |
| M 55.1 | M55.1 | FC55 | R | KOP | NW 6 /U |
| M 55.1 | M55.1 | FC55 | R | KOP | NW 5 /U |
| M 55.1 | M55.1 | FC70 | R | KOP | NW 4 /O |
| M 55.1 | M55.1 | FC55 | W | KOP | NW 2 /= |
| M 55.1 | M55.1 | FC65 | R | KOP | NW 4 /O |
| M 55.1 | M55.1 | FC55 | R | KOP | NW 2 /O |
| M 55.1 | M55.1 | FC75 | R | KOP | NW 4 /O |
| M 55.1 | M55.1 | FC55 | R | KOP | NW 8 /U |
| M 55.1 | M55.1 | FC55 | R | KOP | NW 3 /U |
| M 55.1 | M55.1 | FC13 | R | FUP | NW 5 /U |
| M 55.4 | M55.4 | FC55 | W | KOP | NW 5 /S |
| M 55.4 | M55.4 | FC55 | R | KOP | NW 6 /U |
| M 55.4 | M55.4 | FC55 | W | KOP | NW 5 /R |
| M 55.4 | M55.4 | FC55 | R | KOP | NW 5 /U |
| M 55.4 | M55.4 | FC55 | R | KOP | NW 7 /U |
| M 55.4 | M55.4 | FC55 | W | KOP | NW 5 /= |
| M 55.5 | M55.5 | FC55 | W | KOP | NW 6 /= |
| M 55.5 | M55.5 | FC55 | R | KOP | NW 7 /UN |
| M 55.6 | M55.6 | FC61 | R | FUP | NW 2 /O |
| M 55.6 | M55.6 | FC55 | W | KOP | NW 7 /= |
| M 55.7 | M55.7 | FC55 | W | KOP | NW 8 /= |
| M 55.7 | M55.7 | FC55 | R | KOP | NW 5 /O |
| M 55.7 | M55.7 | FC13 | R | FUP | NW 5 /U |
| M 56.0 | M56.0 | FC55 | W | KOP | NW 4 /S |
| M 56.0 | M56.0 | FC55 | W | KOP | NW 4 /R |
| M 56.0 | M56.0 | FC55 | R | KOP | NW 4 /U |
| M 57.0 | M57.0 | FC57 | R | KOP | NW 2 /U |
| M 57.0 | M57.0 | FC57 | W | KOP | NW 1 /= |
| M 57.1 | M57.1 | FC55 | R | KOP | NW 4 /O |
| M 57.1 | M57.1 | FC85 | R | KOP | NW 4 /O |
| M 57.1 | M57.1 | FC57 | W | KOP | NW 2 /= |
| M 57.1 | M57.1 | FC57 | R | KOP | NW 3 /U |
| M 57.1 | M57.1 | FC80 | R | FUP | NW 4 /O |
| M 57.1 | M57.1 | FC57 | R | KOP | NW 2 /O |
| M 61.6 | M61.6 | FC61 | R | FUP | NW 1 /U |
| M 61.6 | M61.6 | FC61 | W | FUP | NW 1 /S |
| M 61.6 | M61.6 | FC61 | W | FUP | NW 1 /= |
| M 61.6 | M61.6 | FC61 | R | FUP | NW 2 /O |
| M 61.6 | M61.6 | FC61 | W | FUP | NW 1 /R |
| M 65.0 | M65.0 | FC61 | R | FUP | NW 1 /U |
| M 65.0 | M65.0 | FC65 | R | KOP | NW 4 /UN |
| M 65.0 | M65.0 | FC65 | R | KOP | NW 3 /UN |
| M 65.0 | M65.0 | FC65 | R | KOP | NW 7 /U |
| M 65.0 | M65.0 | FC65 | W | KOP | NW 2 /= |
| M 65.0 | M65.0 | FC65 | R | KOP | NW 5 /UN |
| M 65.0 | M65.0 | FC65 | R | KOP | NW 1 /U |
| M 65.0 | M65.0 | FC61 | R | FUP | NW 4 /O |
| M 65.0 | M65.0 | FC55 | R | KOP | NW 1 /UN |
| M 65.1 | M65.1 | FC65 | W | KOP | NW 3 /= |
| M 65.1 | M65.1 | FC65 | R | KOP | NW 3 /O |
| M 65.1 | M65.1 | FC65 | R | KOP | NW 5 /O |
| M 65.2 | M65.2 | FC65 | W | KOP | NW 4 /= |
| M 65.2 | M65.2 | FC65 | R | KOP | NW 4 /O |
| M 65.2 | M65.2 | FC65 | R | KOP | NW 5 /O |
| M 65.3 | M65.3 | FC61 | R | FUP | NW 3 /U |
| M 65.3 | M65.3 | FC65 | R | KOP | NW 7 /O |
| M 65.3 | M65.3 | FC65 | R | KOP | NW 9 /U |
| M 65.3 | M65.3 | FC65 | W | KOP | NW 6 /= |

| Operand | Symbol | Baustein | Art | Sprache | Details |
|---------|--------|----------|-----|---------|----------|
| M 65.3 | M65.3 | FC70 | R | KOP | NW 3 /U |
| M 65.3 | M65.3 | FC65 | R | KOP | NW 8 /U |
| M 65.3 | M65.3 | FC55 | R | KOP | NW 5 /O |
| M 65.3 | M65.3 | FC55 | R | KOP | NW 5 /UN |
| M 65.4 | M65.4 | FC70 | R | KOP | NW 4 /U |
| M 65.4 | M65.4 | FC65 | W | KOP | NW 9 /= |
| M 66.7 | M66.7 | FC61 | R | FUP | NW 1 /UN |
| M 66.7 | M66.7 | FC65 | W | KOP | NW 1 /= |
| M 70.0 | M70.0 | FC61 | R | FUP | NW 4 /O |
| M 70.0 | M70.0 | FC61 | R | FUP | NW 1 /U |
| M 70.0 | M70.0 | FC70 | R | KOP | NW 1 /U |
| M 70.0 | M70.0 | FC70 | R | KOP | NW 4 /UN |
| M 70.0 | M70.0 | FC70 | R | KOP | NW 7 /U |
| M 70.0 | M70.0 | FC70 | R | KOP | NW 5 /UN |
| M 70.0 | M70.0 | FC70 | W | KOP | NW 2 /= |
| M 70.0 | M70.0 | FC70 | R | KOP | NW 3 /UN |
| M 70.0 | M70.0 | FC55 | R | KOP | NW 1 /UN |
| M 70.1 | M70.1 | FC70 | R | KOP | NW 5 /O |
| M 70.1 | M70.1 | FC70 | W | KOP | NW 3 /= |
| M 70.1 | M70.1 | FC70 | R | KOP | NW 3 /O |
| M 70.2 | M70.2 | FC70 | W | KOP | NW 4 /= |
| M 70.2 | M70.2 | FC70 | R | KOP | NW 4 /O |
| M 70.2 | M70.2 | FC70 | R | KOP | NW 5 /O |
| M 70.3 | M70.3 | FC70 | R | KOP | NW 18 /U |
| M 70.3 | M70.3 | FC70 | W | KOP | NW 6 /= |
| M 70.3 | M70.3 | FC70 | R | KOP | NW 7 /O |
| M 70.3 | M70.3 | FC61 | R | FUP | NW 3 /U |
| M 70.3 | M70.3 | FC70 | R | KOP | NW 9 /U |
| M 70.3 | M70.3 | FC70 | R | KOP | NW 17 /U |
| M 70.3 | M70.3 | FC70 | R | KOP | NW 8 /U |
| M 70.3 | M70.3 | FC75 | R | KOP | NW 4 /U |
| M 70.3 | M70.3 | FC90 | R | FUP | NW 2 /UN |
| M 70.4 | M70.4 | FC70 | R | KOP | NW 11 /U |
| M 70.4 | M70.4 | FC70 | W | KOP | NW 9 /= |
| M 71.7 | M71.7 | FC61 | R | FUP | NW 1 /UN |
| M 71.7 | M71.7 | FC70 | W | KOP | NW 1 /= |
| M 75.0 | M75.0 | FC75 | W | KOP | NW 2 /= |
| M 75.0 | M75.0 | FC75 | R | KOP | NW 3 /UN |
| M 75.0 | M75.0 | FC75 | R | KOP | NW 1 /U |
| M 75.0 | M75.0 | FC75 | R | KOP | NW 7 /U |
| M 75.0 | M75.0 | FC61 | R | FUP | NW 1 /U |
| M 75.0 | M75.0 | FC70 | R | KOP | NW 4 /UN |
| M 75.0 | M75.0 | FC61 | R | FUP | NW 4 /O |
| M 75.0 | M75.0 | FC61 | R | FUP | NW 10 /U |
| M 75.0 | M75.0 | FC75 | R | KOP | NW 4 /UN |
| M 75.0 | M75.0 | FC75 | R | KOP | NW 5 /UN |
| M 75.0 | M75.0 | FC55 | R | KOP | NW 1 /UN |
| M 75.1 | M75.1 | FC75 | W | KOP | NW 3 /= |
| M 75.1 | M75.1 | FC75 | R | KOP | NW 3 /O |
| M 75.1 | M75.1 | FC75 | R | KOP | NW 5 /O |
| M 75.2 | M75.2 | FC75 | W | KOP | NW 4 /= |
| M 75.2 | M75.2 | FC75 | R | KOP | NW 4 /O |
| M 75.2 | M75.2 | FC75 | R | KOP | NW 5 /O |
| M 75.3 | M75.3 | FC75 | R | KOP | NW 8 /U |
| M 75.3 | M75.3 | FC61 | R | FUP | NW 3 /U |
| M 75.3 | M75.3 | FC55 | R | KOP | NW 3 /U |
| M 75.3 | M75.3 | FC75 | W | KOP | NW 6 /= |
| M 75.3 | M75.3 | FC55 | R | KOP | NW 2 /UN |
| M 75.3 | M75.3 | FC57 | R | KOP | NW 1 /U |
| M 75.3 | M75.3 | FC75 | R | KOP | NW 7 /O |
| M 75.3 | M75.3 | FC80 | R | FUP | NW 4 /U |
| M 75.3 | M75.3 | FC61 | R | FUP | NW 9 /U |
| M 75.3 | M75.3 | FC75 | R | KOP | NW 10 /U |
| M 76.7 | M76.7 | FC61 | R | FUP | NW 1 /UN |
| M 76.7 | M76.7 | FC75 | W | KOP | NW 1 /= |
| M 80.0 | M80.0 | FC61 | R | FUP | NW 8 /U |
| M 80.0 | M80.0 | FC80 | R | FUP | NW 3 /UN |
| M 80.0 | M80.0 | FC80 | W | FUP | NW 2 /= |
| M 80.0 | M80.0 | FC80 | R | FUP | NW 7 /U |
| M 80.0 | M80.0 | FC61 | R | FUP | NW 1 /U |
| M 80.0 | M80.0 | FC80 | R | FUP | NW 5 /UN |
| M 80.0 | M80.0 | FC55 | R | KOP | NW 4 /O |
| M 80.0 | M80.0 | FC57 | R | KOP | NW 1 /UN |
| M 80.0 | M80.0 | FC80 | R | FUP | NW 4 /UN |
| M 80.0 | M80.0 | FC80 | R | FUP | NW 1 /U |

| Operand | | Symbol | Baustein | Art | Sprache | Details | | |
|---------|------|--------|----------|-----|---------|---------|----|-----|
| M | 80.0 | M80.0 | FC61 | R | FUP | NW | 4 | /O |
| M | 80.1 | M80.1 | FC80 | R | FUP | NW | 3 | /O |
| M | 80.1 | M80.1 | FC80 | R | FUP | NW | 5 | /O |
| M | 80.1 | M80.1 | FC80 | W | FUP | NW | 3 | /= |
| M | 80.2 | M80.2 | FC80 | W | FUP | NW | 4 | /= |
| M | 80.2 | M80.2 | FC80 | R | FUP | NW | 5 | /O |
| M | 80.2 | M80.2 | FC80 | R | FUP | NW | 4 | /O |
| M | 80.3 | M80.3 | FC80 | R | FUP | NW | 16 | /U |
| M | 80.3 | M80.3 | FC80 | R | FUP | NW | 14 | /U |
| M | 80.3 | M80.3 | FC85 | R | KOP | NW | 4 | /U |
| M | 80.3 | M80.3 | FC80 | R | FUP | NW | 15 | /U |
| M | 80.3 | M80.3 | FC92 | R | FUP | NW | 2 | /UN |
| M | 80.3 | M80.3 | FC80 | R | FUP | NW | 10 | /U |
| M | 80.3 | M80.3 | FC80 | R | FUP | NW | 7 | /O |
| M | 80.3 | M80.3 | FC80 | W | FUP | NW | 6 | /= |
| M | 80.3 | M80.3 | FC80 | R | FUP | NW | 8 | /U |
| M | 80.3 | M80.3 | FC61 | R | FUP | NW | 7 | /U |
| M | 80.3 | M80.3 | FC61 | R | FUP | NW | 3 | /U |
| M | 80.7 | M80.7 | FC80 | R | FUP | NW | 11 | /U |
| M | 80.7 | M80.7 | FC80 | W | FUP | NW | 10 | /= |
| M | 81.7 | M81.7 | FC61 | R | FUP | NW | 1 | /UN |
| M | 81.7 | M81.7 | FC80 | W | FUP | NW | 1 | /= |
| M | 85.0 | M85.0 | FC61 | R | FUP | NW | 6 | /U |
| M | 85.0 | M85.0 | FC61 | R | FUP | NW | 4 | /O |
| M | 85.0 | M85.0 | FC55 | R | KOP | NW | 4 | /O |
| M | 85.0 | M85.0 | FC85 | R | KOP | NW | 1 | /U |
| M | 85.0 | M85.0 | FC85 | R | KOP | NW | 5 | /UN |
| M | 85.0 | M85.0 | FC85 | R | KOP | NW | 7 | /U |
| M | 85.0 | M85.0 | FC85 | W | KOP | NW | 2 | /= |
| M | 85.0 | M85.0 | FC85 | R | KOP | NW | 4 | /UN |
| M | 85.0 | M85.0 | FC80 | R | FUP | NW | 4 | /UN |
| M | 85.0 | M85.0 | FC57 | R | KOP | NW | 1 | /UN |
| M | 85.0 | M85.0 | FC85 | R | KOP | NW | 3 | /UN |
| M | 85.0 | M85.0 | FC61 | R | FUP | NW | 1 | /U |
| M | 85.1 | M85.1 | FC85 | R | KOP | NW | 3 | /O |
| M | 85.1 | M85.1 | FC85 | W | KOP | NW | 3 | /= |
| M | 85.1 | M85.1 | FC85 | R | KOP | NW | 5 | /O |
| M | 85.2 | M85.2 | FC85 | W | KOP | NW | 4 | /= |
| M | 85.2 | M85.2 | FC85 | R | KOP | NW | 4 | /O |
| M | 85.2 | M85.2 | FC85 | R | KOP | NW | 5 | /O |
| M | 85.3 | M85.3 | FC85 | R | KOP | NW | 7 | /O |
| M | 85.3 | M85.3 | FC85 | W | KOP | NW | 6 | /= |
| M | 85.3 | M85.3 | FC91 | R | FUP | NW | 9 | /U |
| M | 85.3 | M85.3 | FC91 | R | FUP | NW | 7 | /U |
| M | 85.3 | M85.3 | FC57 | R | KOP | NW | 2 | /UN |
| M | 85.3 | M85.3 | FC91 | R | FUP | NW | 2 | /UN |
| M | 85.3 | M85.3 | FC80 | R | FUP | NW | 13 | /U |
| M | 85.3 | M85.3 | FC61 | R | FUP | NW | 5 | /U |
| M | 85.3 | M85.3 | FC61 | R | FUP | NW | 3 | /U |
| M | 85.3 | M85.3 | FC85 | R | KOP | NW | 10 | /U |
| M | 85.3 | M85.3 | FC91 | R | FUP | NW | 7 | /UN |
| M | 85.3 | M85.3 | FC57 | R | KOP | NW | 3 | /U |
| M | 85.3 | M85.3 | FC85 | R | KOP | NW | 12 | /U |
| M | 85.3 | M85.3 | FC91 | R | FUP | NW | 8 | /U |
| M | 85.3 | M85.3 | FC91 | R | FUP | NW | 7 | /U |
| M | 85.3 | M85.3 | FC85 | R | KOP | NW | 8 | /U |
| M | 85.3 | M85.3 | FC91 | R | FUP | NW | 6 | /U |
| M | 85.7 | M85.7 | FC85 | R | KOP | NW | 11 | /U |
| M | 85.7 | M85.7 | FC85 | W | KOP | NW | 10 | /= |
| M | 86.7 | M86.7 | FC61 | R | FUP | NW | 1 | /UN |
| M | 86.7 | M86.7 | FC85 | W | KOP | NW | 1 | /= |
| M | 88.2 | M88.2 | FC88 | R | KOP | NW | 4 | /UN |
| M | 88.2 | M88.2 | FC88 | R | KOP | NW | 11 | /O |
| M | 88.2 | M88.2 | FC88 | R | KOP | NW | 9 | /O |
| M | 88.2 | M88.2 | FC88 | R | KOP | NW | 12 | /UN |
| M | 88.2 | M88.2 | FC88 | R | KOP | NW | 13 | /O |
| M | 88.2 | M88.2 | FC88 | W | KOP | NW | 11 | /= |
| M | 88.2 | M88.2 | FC88 | R | KOP | NW | 8 | /O |
| M | 88.2 | M88.2 | FC88 | R | KOP | NW | 13 | /UN |
| M | 88.2 | M88.2 | FC88 | R | KOP | NW | 7 | /UN |
| M | 88.2 | M88.2 | FC88 | R | KOP | NW | 7 | /U |
| M | 91.2 | M91.2 | FC91 | R | FUP | NW | 7 | /UN |
| M | 91.2 | M91.2 | FC91 | R | FUP | NW | 13 | /O |
| M | 91.2 | M91.2 | FC91 | R | FUP | NW | 13 | /UN |
| M | 91.2 | M91.2 | FC91 | R | FUP | NW | 12 | /UN |

| Operand | Symbol | Baustein | Art | Sprache | Details |
|--------------|-----------|----------|-----|---------|----------|
| M 91.2 | M91.2 | FC91 | R | FUP | NW 7 /U |
| M 91.2 | M91.2 | FC91 | R | FUP | NW 4 /UN |
| M 91.2 | M91.2 | FC91 | W | FUP | NW 11 /= |
| M 91.2 | M91.2 | FC91 | R | FUP | NW 11 /O |
| M 91.2 | M91.2 | FC91 | R | FUP | NW 9 /O |
| M 91.2 | M91.2 | FC91 | R | FUP | NW 8 /O |
| M 150.3 | M150.3 | FC13 | W | FUP | NW 10 /S |
| M 150.3 | M150.3 | FC13 | R | FUP | NW 10 /U |
| M 150.3 | M150.3 | FC13 | W | FUP | NW 10 /R |
| M 150.3 | M150.3 | FC13 | R | FUP | NW 2 /U |
| M 153.6 | M153.6 | FC40 | R | FUP | NW 10 /U |
| M 153.6 | M153.6 | FC40 | W | FUP | NW 10 /S |
| M 153.6 | M153.6 | FC40 | W | FUP | NW 10 /R |
| M 153.6 | M153.6 | FC40 | R | FUP | NW 2 /O |
| M 153.7 | M153.7 | FC40 | R | FUP | NW 2 /O |
| M 153.7 | M153.7 | FC40 | W | FUP | NW 11 /R |
| M 153.7 | M153.7 | FC40 | R | FUP | NW 11 /U |
| M 153.7 | M153.7 | FC40 | W | FUP | NW 11 /S |
| M 154.0 | M154.0 | FC40 | W | FUP | NW 12 /R |
| M 154.0 | M154.0 | FC40 | R | FUP | NW 2 /O |
| M 154.0 | M154.0 | FC40 | W | FUP | NW 12 /S |
| M 154.0 | M154.0 | FC40 | R | FUP | NW 12 /U |
| M 154.1 | M154.1 | FC40 | W | FUP | NW 13 /R |
| M 154.1 | M154.1 | FC40 | R | FUP | NW 2 /O |
| M 154.1 | M154.1 | FC40 | R | FUP | NW 13 /U |
| M 154.1 | M154.1 | FC40 | W | FUP | NW 13 /S |
| M 154.2 | M154.2 | FC40 | R | FUP | NW 2 /O |
| M 154.2 | M154.2 | FC40 | W | FUP | NW 14 /S |
| M 154.2 | M154.2 | FC40 | R | FUP | NW 14 /U |
| M 154.2 | M154.2 | FC40 | W | FUP | NW 14 /R |
| M 154.3 | M154.3 | FC40 | R | FUP | NW 16 /U |
| M 154.3 | M154.3 | FC11 | R | FUP | NW 4 /O |
| M 154.3 | M154.3 | FC61 | R | FUP | NW 1 /U |
| M 154.3 | M154.3 | FC61 | R | FUP | NW 4 /O |
| M 154.3 | M154.3 | FC40 | R | FUP | NW 1 /O |
| M 154.3 | M154.3 | FC11 | R | FUP | NW 1 /U |
| M 154.3 | M154.3 | FC40 | W | FUP | NW 16 /R |
| M 154.3 | M154.3 | FC40 | W | FUP | NW 16 /S |
| M 154.4 | M154.4 | FC40 | W | FUP | NW 15 /R |
| M 154.4 | M154.4 | FC40 | R | FUP | NW 2 /O |
| M 154.4 | M154.4 | FC40 | W | FUP | NW 15 /S |
| M 154.4 | M154.4 | FC40 | R | FUP | NW 15 /U |
| DB3.DBX100.0 | DB3.D1000 | FC30 | R | KOP | NW 3 /O |
| DB3.DBX100.1 | DB3.D1001 | FC30 | R | KOP | NW 3 /UN |
| DB3.DBX100.1 | DB3.D1001 | FC7 | R | KOP | NW 1 /UN |
| DB3.DBX100.1 | DB3.D1001 | FC30 | R | KOP | NW 4 /UN |
| DB3.DBX100.1 | DB3.D1001 | FC5 | R | KOP | NW 4 /O |
| DB3.DBX100.2 | DB3.D1002 | FC35 | R | KOP | NW 3 /O |
| DB3.DBX100.3 | DB3.D1003 | FC5 | R | KOP | NW 4 /O |
| DB3.DBX100.3 | DB3.D1003 | FC35 | R | KOP | NW 4 /UN |
| DB3.DBX100.3 | DB3.D1003 | FC7 | R | KOP | NW 1 /UN |
| DB3.DBX100.3 | DB3.D1003 | FC30 | R | KOP | NW 4 /UN |
| DB3.DBX100.3 | DB3.D1003 | FC35 | R | KOP | NW 3 /UN |
| DB3.DBX100.4 | DB3.D1004 | FC25 | R | KOP | NW 3 /O |
| DB3.DBX100.5 | DB3.D1005 | FC25 | R | KOP | NW 3 /UN |
| DB3.DBX100.5 | DB3.D1005 | FC5 | R | KOP | NW 1 /UN |
| DB3.DBX100.5 | DB3.D1005 | FC25 | R | KOP | NW 4 /UN |
| DB3.DBX100.5 | DB3.D1005 | FC20 | R | KOP | NW 4 /UN |
| DB3.DBX100.6 | DB3.D1006 | FC13 | R | FUP | NW 3 /O |
| DB3.DBX100.7 | DB3.D1007 | FC13 | R | FUP | NW 4 /UN |
| DB3.DBX100.7 | DB3.D1007 | FC5 | R | KOP | NW 1 /UN |
| DB3.DBX100.7 | DB3.D1007 | FC13 | R | FUP | NW 5 /UN |
| DB3.DBX100.7 | DB3.D1007 | FC13 | R | FUP | NW 3 /UN |
| DB3.DBX100.7 | DB3.D1007 | FC55 | R | KOP | NW 1 /UN |
| DB3.DBX101.0 | DB3.D1010 | FC2 | R | KOP | NW 3 /O |
| DB3.DBX101.1 | DB3.D1011 | FC2 | R | KOP | NW 5 /UN |
| DB3.DBX101.1 | DB3.D1011 | FC2 | R | KOP | NW 3 /UN |
| DB3.DBX101.1 | DB3.D1011 | FC2 | R | KOP | NW 7 /O |
| DB3.DBX101.2 | DB3.D1012 | FC2 | R | KOP | NW 5 /O |
| DB3.DBX101.3 | DB3.D1013 | FC11 | R | FUP | NW 1 /U |
| DB3.DBX101.4 | DB3.D1014 | FC15 | R | KOP | NW 3 /O |
| DB3.DBX101.5 | DB3.D1015 | FC15 | R | KOP | NW 4 /UN |
| DB3.DBX101.5 | DB3.D1015 | FC15 | R | KOP | NW 3 /UN |
| DB3.DBX101.5 | DB3.D1015 | FC5 | R | KOP | NW 1 /UN |
| DB3.DBX101.6 | DB3.D1016 | FC20 | R | KOP | NW 3 /O |

| Operand | Symbol | Baustein | Art | Sprache | Details | | |
|--------------|-----------|----------|-----|---------|---------|----|-----|
| DB3.DBX101.7 | DB3.D1017 | FC20 | R | KOP | NW | 4 | /UN |
| DB3.DBX101.7 | DB3.D1017 | FC20 | R | KOP | NW | 3 | /UN |
| DB3.DBX101.7 | DB3.D1017 | FC5 | R | KOP | NW | 1 | /UN |
| DB3.DBX102.0 | DB3.D1020 | FC7 | R | KOP | NW | 2 | /O |
| DB3.DBX102.1 | DB3.D1021 | FC5 | R | KOP | NW | 4 | /O |
| DB3.DBX102.1 | DB3.D1021 | FC35 | R | KOP | NW | 4 | /UN |
| DB3.DBX102.1 | DB3.D1021 | FC30 | R | KOP | NW | 4 | /UN |
| DB3.DBX102.1 | DB3.D1021 | FC7 | R | KOP | NW | 2 | /UN |
| DB3.DBX102.2 | DB3.D1022 | FC40 | R | FUP | NW | 3 | /O |
| DB3.DBX102.3 | DB3.D1023 | FC40 | R | FUP | NW | 3 | /UN |
| DB3.DBX102.4 | DB3.D1024 | FC20 | R | KOP | NW | 17 | /U |
| DB3.DBX102.4 | DB3.D1024 | FC20 | R | KOP | NW | 18 | /UN |
| DB3.DBX102.5 | DB3.D1025 | FC20 | R | KOP | NW | 18 | /U |
| DB3.DBX102.5 | DB3.D1025 | FC20 | R | KOP | NW | 17 | /UN |
| DB3.DBX102.6 | DB3.D1026 | FC88 | R | KOP | NW | 9 | /UN |
| DB3.DBX102.6 | DB3.D1026 | FC88 | R | KOP | NW | 8 | /U |
| DB3.DBX102.7 | DB3.D1027 | FC88 | R | KOP | NW | 9 | /U |
| DB3.DBX102.7 | DB3.D1027 | FC88 | R | KOP | NW | 8 | /UN |
| DB3.DBX103.0 | DB3.D1030 | FC30 | R | KOP | NW | 16 | /UN |
| DB3.DBX103.0 | DB3.D1030 | FC30 | R | KOP | NW | 15 | /U |
| DB3.DBX103.1 | DB3.D1031 | FC30 | R | KOP | NW | 16 | /U |
| DB3.DBX103.1 | DB3.D1031 | FC30 | R | KOP | NW | 15 | /UN |
| DB3.DBX103.2 | DB3.D1032 | FC88 | R | KOP | NW | 11 | /UN |
| DB3.DBX103.3 | DB3.D1033 | FC88 | R | KOP | NW | 11 | /O |
| DB3.DBX103.4 | DB3.D1034 | FC40 | R | FUP | NW | 17 | /UN |
| DB3.DBX103.4 | DB3.D1034 | FC40 | R | FUP | NW | 18 | /O |
| DB3.DBX103.5 | DB3.D1035 | FC40 | R | FUP | NW | 17 | /O |
| DB3.DBX103.5 | DB3.D1035 | FC40 | R | FUP | NW | 18 | /UN |
| DB3.DBX103.6 | DB3.D1036 | FC5 | R | KOP | NW | 2 | /O |
| DB3.DBX103.7 | DB3.D1037 | FC5 | R | KOP | NW | 2 | /UN |
| DB3.DBX103.7 | DB3.D1037 | FC20 | R | KOP | NW | 4 | /UN |
| DB3.DBX103.7 | DB3.D1037 | FC15 | R | KOP | NW | 4 | /UN |
| DB3.DBX103.7 | DB3.D1037 | FC13 | R | FUP | NW | 4 | /UN |
| DB3.DBX103.7 | DB3.D1037 | FC25 | R | KOP | NW | 4 | /UN |
| DB3.DBX103.7 | DB3.D1037 | FC5 | R | KOP | NW | 5 | /O |
| DB3.DBX104.0 | DB3.D1040 | FC20 | W | KOP | NW | 7 | /= |
| DB3.DBX104.1 | DB3.D1041 | FC30 | W | KOP | NW | 7 | /= |
| DB3.DBX104.2 | DB3.D1042 | FC35 | W | KOP | NW | 7 | /= |
| DB3.DBX104.3 | DB3.D1043 | FC25 | W | KOP | NW | 7 | /= |
| DB3.DBX104.4 | DB3.D1044 | FC40 | W | FUP | NW | 18 | /= |
| DB3.DBX104.5 | DB3.D1045 | FC40 | W | FUP | NW | 9 | /= |
| DB3.DBX104.6 | DB3.D1046 | FC40 | W | FUP | NW | 17 | /= |
| DB3.DBX104.7 | DB3.D1047 | FC15 | W | KOP | NW | 7 | /= |
| DB3.DBX105.0 | DB3.D1050 | FC2 | W | KOP | NW | 1 | /= |
| DB3.DBX105.1 | DB3.D1051 | FC2 | W | KOP | NW | 2 | /= |
| DB3.DBX105.2 | DB3.D1052 | FC2 | W | KOP | NW | 4 | /= |
| DB3.DBX105.3 | DB3.D1053 | FC2 | W | KOP | NW | 8 | /= |
| DB3.DBX105.4 | DB3.D1054 | FC2 | W | KOP | NW | 6 | /= |
| DB3.DBX105.6 | DB3.D1056 | FC88 | W | KOP | NW | 12 | /= |
| DB3.DBX105.7 | DB3.D1057 | FC88 | W | KOP | NW | 13 | /= |
| DB3.DBX106.2 | DB3.D1062 | FC13 | W | FUP | NW | 8 | /= |
| DB3.DBX106.4 | DB3.D1064 | FC40 | R | FUP | NW | 13 | /O |
| DB3.DBX106.4 | DB3.D1064 | FC20 | R | KOP | NW | 14 | /U |
| DB3.DBX106.4 | DB3.D1064 | FC20 | R | KOP | NW | 11 | /U |
| DB3.DBX106.4 | DB3.D1064 | FC20 | R | KOP | NW | 13 | /U |
| DB3.DBX106.4 | DB3.D1064 | FC1 | R | FUP | NW | 8 | /UN |
| DB3.DBX106.4 | DB3.D1064 | FC20 | R | KOP | NW | 12 | /U |
| DB3.DBX106.4 | DB3.D1064 | FC40 | R | FUP | NW | 12 | /O |
| DB3.DBX106.4 | DB3.D1064 | FC20 | R | KOP | NW | 10 | /U |
| DB3.DBX106.4 | DB3.D1064 | FC40 | R | FUP | NW | 15 | /O |
| DB3.DBX106.4 | DB3.D1064 | FC40 | R | FUP | NW | 16 | /O |
| DB3.DBX106.4 | DB3.D1064 | FC15 | R | KOP | NW | 10 | /U |
| DB3.DBX106.4 | DB3.D1064 | FC13 | R | FUP | NW | 10 | /O |
| DB3.DBX106.4 | DB3.D1064 | FC30 | R | KOP | NW | 13 | /U |
| DB3.DBX106.4 | DB3.D1064 | FC40 | R | FUP | NW | 11 | /O |
| DB3.DBX106.4 | DB3.D1064 | FC13 | R | FUP | NW | 10 | /O |
| DB3.DBX106.4 | DB3.D1064 | FC40 | R | FUP | NW | 14 | /O |
| DB3.DBX106.4 | DB3.D1064 | FC40 | R | FUP | NW | 10 | /O |
| DB3.DBX106.4 | DB3.D1064 | FC2 | R | KOP | NW | 10 | /U |
| DB3.DBX106.4 | DB3.D1064 | FC30 | R | KOP | NW | 9 | /U |
| DB3.DBX106.4 | DB3.D1064 | FC30 | R | KOP | NW | 12 | /U |
| DB3.DBX106.4 | DB3.D1064 | FC30 | R | KOP | NW | 11 | /U |
| DB3.DBX106.4 | DB3.D1064 | FC25 | R | KOP | NW | 10 | /U |
| DB3.DBX106.4 | DB3.D1064 | FC30 | R | KOP | NW | 14 | /U |
| DB3.DBX106.4 | DB3.D1064 | FC25 | R | KOP | NW | 9 | /U |

| Operand | Symbol | Baustein | Art | Sprache | Details | |
|--------------|-----------|----------|-----|---------|---------|-------|
| DB3.DBX106.4 | DB3.D1064 | FC20 | R | KOP | NW | 15 /U |
| DB3.DBX106.4 | DB3.D1064 | FC20 | R | KOP | NW | 16 /U |
| DB3.DBX106.4 | DB3.D1064 | FC35 | R | KOP | NW | 12 /U |
| DB3.DBX106.4 | DB3.D1064 | FC35 | R | KOP | NW | 9 /U |
| DB3.DBX106.4 | DB3.D1064 | FC35 | R | KOP | NW | 11 /U |
| DB3.DBX106.4 | DB3.D1064 | FC2 | R | KOP | NW | 11 /U |
| DB3.DBX107.0 | DB3.D1070 | FC5 | W | KOP | NW | 3 /= |
| DB3.DBX107.1 | DB3.D1071 | FC7 | W | KOP | NW | 3 /= |
| DB3.DBX108.0 | DB3.D1080 | FC30 | W | KOP | NW | 8 /= |
| DB3.DBX108.1 | DB3.D1081 | FC35 | W | KOP | NW | 8 /= |
| DB3.DBX108.6 | DB3.D1086 | FC13 | W | FUP | NW | 9 /= |
| DB3.DBX108.7 | DB3.D1087 | FC15 | W | KOP | NW | 8 /= |
| DB3.DBX109.0 | DB3.D1090 | FC20 | W | KOP | NW | 8 /= |
| DB3.DBX109.1 | DB3.D1091 | FC25 | W | KOP | NW | 8 /= |
| DB3.DBX150.0 | DB3.D1500 | FC2 | W | KOP | NW | 11 /S |
| DB3.DBX150.0 | DB3.D1500 | FC2 | W | KOP | NW | 11 /R |
| DB3.DBX150.0 | DB3.D1500 | FC2 | R | KOP | NW | 11 /U |
| DB3.DBX150.0 | DB3.D1500 | FC2 | W | KOP | NW | 11 /= |
| DB3.DBX150.1 | DB3.D1501 | FC2 | R | KOP | NW | 10 /U |
| DB3.DBX150.1 | DB3.D1501 | FC2 | W | KOP | NW | 10 /S |
| DB3.DBX150.1 | DB3.D1501 | FC2 | W | KOP | NW | 10 /R |
| DB3.DBX150.1 | DB3.D1501 | FC2 | W | KOP | NW | 10 /= |
| DB3.DBX150.3 | DB3.D1503 | FC13 | W | FUP | NW | 10 /= |
| DB3.DBX150.5 | DB3.D1505 | FC15 | R | KOP | NW | 2 /U |
| DB3.DBX150.5 | DB3.D1505 | FC15 | R | KOP | NW | 10 /U |
| DB3.DBX150.5 | DB3.D1505 | FC15 | W | KOP | NW | 10 /R |
| DB3.DBX150.5 | DB3.D1505 | FC15 | W | KOP | NW | 10 /= |
| DB3.DBX150.5 | DB3.D1505 | FC15 | W | KOP | NW | 10 /S |
| DB3.DBX150.6 | DB3.D1506 | FC20 | R | KOP | NW | 2 /O |
| DB3.DBX150.6 | DB3.D1506 | FC20 | R | KOP | NW | 10 /U |
| DB3.DBX150.6 | DB3.D1506 | FC20 | W | KOP | NW | 10 /R |
| DB3.DBX150.6 | DB3.D1506 | FC20 | W | KOP | NW | 10 /= |
| DB3.DBX150.6 | DB3.D1506 | FC20 | W | KOP | NW | 10 /S |
| DB3.DBX150.7 | DB3.D1507 | FC20 | R | KOP | NW | 2 /O |
| DB3.DBX150.7 | DB3.D1507 | FC20 | W | KOP | NW | 11 /R |
| DB3.DBX150.7 | DB3.D1507 | FC20 | W | KOP | NW | 11 /S |
| DB3.DBX150.7 | DB3.D1507 | FC20 | R | KOP | NW | 11 /U |
| DB3.DBX150.7 | DB3.D1507 | FC20 | W | KOP | NW | 11 /= |
| DB3.DBX151.0 | DB3.D1510 | FC20 | W | KOP | NW | 12 /S |
| DB3.DBX151.0 | DB3.D1510 | FC20 | R | KOP | NW | 2 /O |
| DB3.DBX151.0 | DB3.D1510 | FC20 | W | KOP | NW | 12 /R |
| DB3.DBX151.0 | DB3.D1510 | FC20 | W | KOP | NW | 12 /= |
| DB3.DBX151.0 | DB3.D1510 | FC20 | R | KOP | NW | 12 /U |
| DB3.DBX151.1 | DB3.D1511 | FC20 | W | KOP | NW | 13 /S |
| DB3.DBX151.1 | DB3.D1511 | FC20 | R | KOP | NW | 2 /O |
| DB3.DBX151.1 | DB3.D1511 | FC20 | W | KOP | NW | 13 /R |
| DB3.DBX151.1 | DB3.D1511 | FC20 | W | KOP | NW | 13 /= |
| DB3.DBX151.1 | DB3.D1511 | FC20 | R | KOP | NW | 13 /U |
| DB3.DBX151.2 | DB3.D1512 | FC20 | W | KOP | NW | 14 /S |
| DB3.DBX151.2 | DB3.D1512 | FC20 | R | KOP | NW | 2 /O |
| DB3.DBX151.2 | DB3.D1512 | FC20 | W | KOP | NW | 14 /R |
| DB3.DBX151.2 | DB3.D1512 | FC20 | W | KOP | NW | 14 /= |
| DB3.DBX151.2 | DB3.D1512 | FC20 | R | KOP | NW | 14 /U |
| DB3.DBX151.3 | DB3.D1513 | FC20 | R | KOP | NW | 2 /O |
| DB3.DBX151.3 | DB3.D1513 | FC20 | W | KOP | NW | 15 /= |
| DB3.DBX151.3 | DB3.D1513 | FC20 | W | KOP | NW | 15 /S |
| DB3.DBX151.3 | DB3.D1513 | FC20 | R | KOP | NW | 15 /U |
| DB3.DBX151.3 | DB3.D1513 | FC20 | W | KOP | NW | 15 /R |
| DB3.DBX151.4 | DB3.D1514 | FC20 | W | KOP | NW | 16 /R |
| DB3.DBX151.4 | DB3.D1514 | FC20 | R | KOP | NW | 2 /O |
| DB3.DBX151.4 | DB3.D1514 | FC20 | R | KOP | NW | 16 /U |
| DB3.DBX151.4 | DB3.D1514 | FC20 | W | KOP | NW | 16 /= |
| DB3.DBX151.4 | DB3.D1514 | FC20 | W | KOP | NW | 16 /S |
| DB3.DBX151.5 | DB3.D1515 | FC25 | R | KOP | NW | 2 /O |
| DB3.DBX151.5 | DB3.D1515 | FC25 | W | KOP | NW | 9 /R |
| DB3.DBX151.5 | DB3.D1515 | FC25 | W | KOP | NW | 9 /= |
| DB3.DBX151.5 | DB3.D1515 | FC25 | R | KOP | NW | 9 /U |
| DB3.DBX151.5 | DB3.D1515 | FC25 | W | KOP | NW | 9 /S |
| DB3.DBX151.6 | DB3.D1516 | FC25 | W | KOP | NW | 10 /R |
| DB3.DBX151.6 | DB3.D1516 | FC25 | R | KOP | NW | 10 /U |
| DB3.DBX151.6 | DB3.D1516 | FC25 | W | KOP | NW | 10 /S |
| DB3.DBX151.6 | DB3.D1516 | FC25 | W | KOP | NW | 10 /= |
| DB3.DBX151.6 | DB3.D1516 | FC25 | R | KOP | NW | 2 /O |
| DB3.DBX152.0 | DB3.D1520 | FC30 | W | KOP | NW | 9 /= |
| DB3.DBX152.0 | DB3.D1520 | FC30 | W | KOP | NW | 9 /R |

| Operand | Symbol | Baustein | Art | Sprache | Details | | |
|--------------|-----------|----------|-----|---------|---------|----|-----|
| DB3.DBX152.0 | DB3.D1520 | FC30 | R | KOP | NW | 9 | /U |
| DB3.DBX152.0 | DB3.D1520 | FC30 | W | KOP | NW | 9 | /S |
| DB3.DBX152.0 | DB3.D1520 | FC30 | R | KOP | NW | 2 | /O |
| DB3.DBX152.1 | DB3.D1521 | FC30 | W | KOP | NW | 11 | /S |
| DB3.DBX152.1 | DB3.D1521 | FC30 | W | KOP | NW | 11 | /= |
| DB3.DBX152.1 | DB3.D1521 | FC30 | W | KOP | NW | 11 | /R |
| DB3.DBX152.1 | DB3.D1521 | FC30 | R | KOP | NW | 11 | /U |
| DB3.DBX152.1 | DB3.D1521 | FC30 | R | KOP | NW | 2 | /O |
| DB3.DBX152.2 | DB3.D1522 | FC30 | W | KOP | NW | 12 | /S |
| DB3.DBX152.2 | DB3.D1522 | FC30 | R | KOP | NW | 2 | /O |
| DB3.DBX152.2 | DB3.D1522 | FC30 | R | KOP | NW | 12 | /U |
| DB3.DBX152.2 | DB3.D1522 | FC30 | W | KOP | NW | 12 | /R |
| DB3.DBX152.2 | DB3.D1522 | FC30 | W | KOP | NW | 12 | /= |
| DB3.DBX152.3 | DB3.D1523 | FC30 | R | KOP | NW | 13 | /U |
| DB3.DBX152.3 | DB3.D1523 | FC30 | W | KOP | NW | 13 | /R |
| DB3.DBX152.3 | DB3.D1523 | FC30 | W | KOP | NW | 13 | /= |
| DB3.DBX152.3 | DB3.D1523 | FC30 | R | KOP | NW | 2 | /O |
| DB3.DBX152.3 | DB3.D1523 | FC30 | W | KOP | NW | 13 | /S |
| DB3.DBX152.4 | DB3.D1524 | FC30 | R | KOP | NW | 14 | /U |
| DB3.DBX152.4 | DB3.D1524 | FC30 | W | KOP | NW | 14 | /= |
| DB3.DBX152.4 | DB3.D1524 | FC30 | R | KOP | NW | 2 | /O |
| DB3.DBX152.4 | DB3.D1524 | FC30 | W | KOP | NW | 14 | /R |
| DB3.DBX152.4 | DB3.D1524 | FC30 | W | KOP | NW | 14 | /S |
| DB3.DBX152.5 | DB3.D1525 | FC35 | W | KOP | NW | 9 | /= |
| DB3.DBX152.5 | DB3.D1525 | FC35 | R | KOP | NW | 2 | /O |
| DB3.DBX152.5 | DB3.D1525 | FC35 | W | KOP | NW | 9 | /R |
| DB3.DBX152.5 | DB3.D1525 | FC35 | R | KOP | NW | 9 | /U |
| DB3.DBX152.5 | DB3.D1525 | FC35 | W | KOP | NW | 9 | /S |
| DB3.DBX152.6 | DB3.D1526 | FC35 | R | KOP | NW | 2 | /O |
| DB3.DBX152.6 | DB3.D1526 | FC35 | W | KOP | NW | 11 | /R |
| DB3.DBX152.6 | DB3.D1526 | FC35 | R | KOP | NW | 11 | /U |
| DB3.DBX152.6 | DB3.D1526 | FC35 | W | KOP | NW | 11 | /= |
| DB3.DBX152.6 | DB3.D1526 | FC35 | W | KOP | NW | 11 | /S |
| DB3.DBX153.1 | DB3.D1531 | FC35 | R | KOP | NW | 12 | /U |
| DB3.DBX153.1 | DB3.D1531 | FC35 | W | KOP | NW | 12 | /R |
| DB3.DBX153.1 | DB3.D1531 | FC35 | W | KOP | NW | 12 | /= |
| DB3.DBX153.1 | DB3.D1531 | FC35 | W | KOP | NW | 12 | /S |
| DB3.DBX153.1 | DB3.D1531 | FC35 | R | KOP | NW | 2 | /O |
| DB3.DBX153.5 | DB3.D1535 | FC1 | W | FUP | NW | 8 | /= |
| DB3.DBX153.6 | DB3.D1536 | FC40 | W | FUP | NW | 10 | /= |
| DB3.DBX153.7 | DB3.D1537 | FC40 | W | FUP | NW | 11 | /= |
| DB3.DBX154.0 | DB3.D1540 | FC40 | W | FUP | NW | 12 | /= |
| DB3.DBX154.1 | DB3.D1541 | FC40 | W | FUP | NW | 13 | /= |
| DB3.DBX154.2 | DB3.D1542 | FC40 | W | FUP | NW | 14 | /= |
| DB3.DBX154.3 | DB3.D1543 | FC40 | W | FUP | NW | 16 | /= |
| DB3.DBX154.4 | DB3.D1544 | FC40 | W | FUP | NW | 15 | /= |
| DB3.DBX201.2 | DB3.d2012 | FC1 | R | FUP | NW | 8 | /UN |
| DB3.DBX201.2 | DB3.d2012 | FC1 | R | FUP | NW | 8 | /U |
| DB4.DBX100.0 | DB4.D1000 | FC80 | R | FUP | NW | 3 | /O |
| DB4.DBX100.1 | DB4.D1001 | FC55 | R | KOP | NW | 4 | /O |
| DB4.DBX100.1 | DB4.D1001 | FC80 | R | FUP | NW | 4 | /UN |
| DB4.DBX100.1 | DB4.D1001 | FC80 | R | FUP | NW | 3 | /UN |
| DB4.DBX100.1 | DB4.D1001 | FC57 | R | KOP | NW | 1 | /UN |
| DB4.DBX100.2 | DB4.D1002 | FC85 | R | KOP | NW | 3 | /O |
| DB4.DBX100.3 | DB4.D1003 | FC85 | R | KOP | NW | 4 | /UN |
| DB4.DBX100.3 | DB4.D1003 | FC55 | R | KOP | NW | 4 | /O |
| DB4.DBX100.3 | DB4.D1003 | FC85 | R | KOP | NW | 3 | /UN |
| DB4.DBX100.3 | DB4.D1003 | FC80 | R | FUP | NW | 4 | /UN |
| DB4.DBX100.3 | DB4.D1003 | FC57 | R | KOP | NW | 1 | /UN |
| DB4.DBX100.4 | DB4.D1004 | FC75 | R | KOP | NW | 3 | /O |
| DB4.DBX100.5 | DB4.D1005 | FC55 | R | KOP | NW | 1 | /UN |
| DB4.DBX100.5 | DB4.D1005 | FC75 | R | KOP | NW | 4 | /UN |
| DB4.DBX100.5 | DB4.D1005 | FC75 | R | KOP | NW | 3 | /UN |
| DB4.DBX100.5 | DB4.D1005 | FC70 | R | KOP | NW | 4 | /UN |
| DB4.DBX100.6 | DB4.D1006 | FC13 | R | FUP | NW | 3 | /O |
| DB4.DBX100.7 | DB4.D1007 | FC55 | R | KOP | NW | 1 | /UN |
| DB4.DBX100.7 | DB4.D1007 | FC5 | R | KOP | NW | 1 | /UN |
| DB4.DBX100.7 | DB4.D1007 | FC13 | R | FUP | NW | 4 | /UN |
| DB4.DBX100.7 | DB4.D1007 | FC13 | R | FUP | NW | 3 | /UN |
| DB4.DBX100.7 | DB4.D1007 | FC13 | R | FUP | NW | 5 | /UN |
| DB4.DBX101.0 | DB4.D1010 | FC52 | R | FUP | NW | 3 | /O |
| DB4.DBX101.1 | DB4.D1011 | FC52 | R | FUP | NW | 7 | /O |
| DB4.DBX101.1 | DB4.D1011 | FC52 | R | FUP | NW | 5 | /UN |
| DB4.DBX101.1 | DB4.D1011 | FC52 | R | FUP | NW | 3 | /UN |
| DB4.DBX101.2 | DB4.D1012 | FC52 | R | FUP | NW | 5 | /O |

| Operand | Symbol | Baustein | Art | Sprache | Details | | |
|--------------|-----------|----------|-----|---------|---------|----|-----|
| DB4.DBX101.3 | DB4.D1013 | FC61 | R | FUP | NW | 1 | /U |
| DB4.DBX101.4 | DB4.D1014 | FC65 | R | KOP | NW | 3 | /O |
| DB4.DBX101.5 | DB4.D1015 | FC65 | R | KOP | NW | 3 | /UN |
| DB4.DBX101.5 | DB4.D1015 | FC65 | R | KOP | NW | 4 | /UN |
| DB4.DBX101.5 | DB4.D1015 | FC55 | R | KOP | NW | 1 | /UN |
| DB4.DBX101.6 | DB4.D1016 | FC70 | R | KOP | NW | 3 | /O |
| DB4.DBX101.7 | DB4.D1017 | FC55 | R | KOP | NW | 1 | /UN |
| DB4.DBX101.7 | DB4.D1017 | FC70 | R | KOP | NW | 4 | /UN |
| DB4.DBX101.7 | DB4.D1017 | FC70 | R | KOP | NW | 3 | /UN |
| DB4.DBX102.0 | DB4.D1020 | FC57 | R | KOP | NW | 2 | /O |
| DB4.DBX102.1 | DB4.D1021 | FC85 | R | KOP | NW | 4 | /UN |
| DB4.DBX102.1 | DB4.D1021 | FC55 | R | KOP | NW | 4 | /O |
| DB4.DBX102.1 | DB4.D1021 | FC80 | R | FUP | NW | 4 | /UN |
| DB4.DBX102.1 | DB4.D1021 | FC57 | R | KOP | NW | 2 | /UN |
| DB4.DBX102.2 | DB4.D1022 | FC40 | R | FUP | NW | 3 | /O |
| DB4.DBX102.3 | DB4.D1023 | FC40 | R | FUP | NW | 3 | /UN |
| DB4.DBX102.4 | DB4.D1024 | FC70 | R | KOP | NW | 17 | /U |
| DB4.DBX102.4 | DB4.D1024 | FC70 | R | KOP | NW | 18 | /UN |
| DB4.DBX102.5 | DB4.D1025 | FC70 | R | KOP | NW | 17 | /UN |
| DB4.DBX102.5 | DB4.D1025 | FC70 | R | KOP | NW | 18 | /U |
| DB4.DBX102.6 | DB4.D1026 | FC91 | R | FUP | NW | 8 | /U |
| DB4.DBX102.6 | DB4.D1026 | FC91 | R | FUP | NW | 9 | /UN |
| DB4.DBX102.7 | DB4.D1027 | FC91 | R | FUP | NW | 9 | /U |
| DB4.DBX102.7 | DB4.D1027 | FC91 | R | FUP | NW | 8 | /UN |
| DB4.DBX103.0 | DB4.D1030 | FC80 | R | FUP | NW | 15 | /U |
| DB4.DBX103.0 | DB4.D1030 | FC80 | R | FUP | NW | 16 | /UN |
| DB4.DBX103.1 | DB4.D1031 | FC80 | R | FUP | NW | 16 | /U |
| DB4.DBX103.1 | DB4.D1031 | FC80 | R | FUP | NW | 15 | /UN |
| DB4.DBX103.2 | DB4.D1032 | FC91 | R | FUP | NW | 11 | /UN |
| DB4.DBX103.3 | DB4.D1033 | FC91 | R | FUP | NW | 11 | /O |
| DB4.DBX103.4 | DB4.D1034 | FC40 | R | FUP | NW | 17 | /UN |
| DB4.DBX103.4 | DB4.D1034 | FC40 | R | FUP | NW | 18 | /O |
| DB4.DBX103.5 | DB4.D1035 | FC40 | R | FUP | NW | 18 | /UN |
| DB4.DBX103.5 | DB4.D1035 | FC40 | R | FUP | NW | 17 | /O |
| DB4.DBX103.6 | DB4.D1036 | FC55 | R | KOP | NW | 2 | /O |
| DB4.DBX103.7 | DB4.D1037 | FC55 | R | KOP | NW | 5 | /O |
| DB4.DBX103.7 | DB4.D1037 | FC70 | R | KOP | NW | 4 | /UN |
| DB4.DBX103.7 | DB4.D1037 | FC13 | R | FUP | NW | 5 | /UN |
| DB4.DBX103.7 | DB4.D1037 | FC55 | R | KOP | NW | 2 | /UN |
| DB4.DBX103.7 | DB4.D1037 | FC75 | R | KOP | NW | 4 | /UN |
| DB4.DBX103.7 | DB4.D1037 | FC65 | R | KOP | NW | 4 | /UN |
| DB4.DBX104.0 | DB4.D1040 | FC70 | W | KOP | NW | 7 | /= |
| DB4.DBX104.1 | DB4.D1041 | FC80 | W | FUP | NW | 7 | /= |
| DB4.DBX104.2 | DB4.D1042 | FC85 | W | KOP | NW | 7 | /= |
| DB4.DBX104.3 | DB4.D1043 | FC75 | W | KOP | NW | 7 | /= |
| DB4.DBX104.4 | DB4.D1044 | FC40 | W | FUP | NW | 18 | /= |
| DB4.DBX104.5 | DB4.D1045 | FC40 | W | FUP | NW | 9 | /= |
| DB4.DBX104.6 | DB4.D1046 | FC40 | W | FUP | NW | 17 | /= |
| DB4.DBX104.7 | DB4.D1047 | FC65 | W | KOP | NW | 7 | /= |
| DB4.DBX105.0 | DB4.D1050 | FC52 | W | FUP | NW | 1 | /= |
| DB4.DBX105.1 | DB4.D1051 | FC52 | W | FUP | NW | 2 | /= |
| DB4.DBX105.2 | DB4.D1052 | FC52 | W | FUP | NW | 4 | /= |
| DB4.DBX105.3 | DB4.D1053 | FC52 | W | FUP | NW | 8 | /= |
| DB4.DBX105.4 | DB4.D1054 | FC52 | W | FUP | NW | 6 | /= |
| DB4.DBX105.6 | DB4.D1056 | FC91 | W | FUP | NW | 12 | /= |
| DB4.DBX105.7 | DB4.D1057 | FC91 | W | FUP | NW | 13 | /= |
| DB4.DBX106.2 | DB4.D1062 | FC13 | W | FUP | NW | 8 | /= |
| DB4.DBX106.4 | DB4.D1064 | FC75 | R | KOP | NW | 10 | /U |
| DB4.DBX106.4 | DB4.D1064 | FC40 | R | FUP | NW | 15 | /O |
| DB4.DBX106.4 | DB4.D1064 | FC40 | R | FUP | NW | 10 | /O |
| DB4.DBX106.4 | DB4.D1064 | FC40 | R | FUP | NW | 13 | /O |
| DB4.DBX106.4 | DB4.D1064 | FC85 | R | KOP | NW | 11 | /U |
| DB4.DBX106.4 | DB4.D1064 | FC40 | R | FUP | NW | 14 | /O |
| DB4.DBX106.4 | DB4.D1064 | FC40 | R | FUP | NW | 11 | /O |
| DB4.DBX106.4 | DB4.D1064 | FC75 | R | KOP | NW | 9 | /U |
| DB4.DBX106.4 | DB4.D1064 | FC40 | R | FUP | NW | 12 | /O |
| DB4.DBX106.4 | DB4.D1064 | FC70 | R | KOP | NW | 13 | /U |
| DB4.DBX106.4 | DB4.D1064 | FC70 | R | KOP | NW | 11 | /U |
| DB4.DBX106.4 | DB4.D1064 | FC70 | R | KOP | NW | 14 | /U |
| DB4.DBX106.4 | DB4.D1064 | FC70 | R | KOP | NW | 15 | /U |
| DB4.DBX106.4 | DB4.D1064 | FC40 | R | FUP | NW | 16 | /O |
| DB4.DBX106.4 | DB4.D1064 | FC65 | R | KOP | NW | 10 | /U |
| DB4.DBX106.4 | DB4.D1064 | FC80 | R | FUP | NW | 9 | /U |
| DB4.DBX106.4 | DB4.D1064 | FC70 | R | KOP | NW | 10 | /U |
| DB4.DBX106.4 | DB4.D1064 | FC70 | R | KOP | NW | 16 | /U |

| Operand | Symbol | Baustein | Art | Sprache | Details | | |
|--------------|-----------|----------|-----|---------|---------|----|-----|
| DB4.DBX106.4 | DB4.D1064 | FC52 | R | FUP | NW | 11 | /U |
| DB4.DBX106.4 | DB4.D1064 | FC80 | R | FUP | NW | 12 | /U |
| DB4.DBX106.4 | DB4.D1064 | FC70 | R | KOP | NW | 12 | /U |
| DB4.DBX106.4 | DB4.D1064 | FC80 | R | FUP | NW | 14 | /U |
| DB4.DBX106.4 | DB4.D1064 | FC80 | R | FUP | NW | 13 | /U |
| DB4.DBX106.4 | DB4.D1064 | FC52 | R | FUP | NW | 10 | /U |
| DB4.DBX106.4 | DB4.D1064 | FC85 | R | KOP | NW | 12 | /U |
| DB4.DBX106.4 | DB4.D1064 | FC51 | R | FUP | NW | 8 | /UN |
| DB4.DBX106.4 | DB4.D1064 | FC85 | R | KOP | NW | 9 | /U |
| DB4.DBX106.4 | DB4.D1064 | FC80 | R | FUP | NW | 11 | /U |
| DB4.DBX107.0 | DB4.D1070 | FC55 | W | KOP | NW | 3 | /= |
| DB4.DBX107.1 | DB4.D1071 | FC57 | W | KOP | NW | 3 | /= |
| DB4.DBX108.0 | DB4.D1080 | FC80 | W | FUP | NW | 8 | /= |
| DB4.DBX108.1 | DB4.D1081 | FC85 | W | KOP | NW | 8 | /= |
| DB4.DBX108.6 | DB4.D1086 | FC13 | W | FUP | NW | 9 | /= |
| DB4.DBX108.7 | DB4.D1087 | FC65 | W | KOP | NW | 8 | /= |
| DB4.DBX109.0 | DB4.D1090 | FC70 | W | KOP | NW | 8 | /= |
| DB4.DBX109.1 | DB4.D1091 | FC75 | W | KOP | NW | 8 | /= |
| DB4.DBX150.0 | DB4.D1500 | FC52 | R | FUP | NW | 11 | /U |
| DB4.DBX150.0 | DB4.D1500 | FC52 | W | FUP | NW | 11 | /R |
| DB4.DBX150.0 | DB4.D1500 | FC52 | W | FUP | NW | 11 | /= |
| DB4.DBX150.0 | DB4.D1500 | FC52 | W | FUP | NW | 11 | /S |
| DB4.DBX150.1 | DB4.D1501 | FC52 | W | FUP | NW | 10 | /R |
| DB4.DBX150.1 | DB4.D1501 | FC52 | W | FUP | NW | 10 | /= |
| DB4.DBX150.1 | DB4.D1501 | FC52 | W | FUP | NW | 10 | /S |
| DB4.DBX150.1 | DB4.D1501 | FC52 | R | FUP | NW | 10 | /U |
| DB4.DBX150.3 | DB4.D1503 | FC13 | W | FUP | NW | 10 | /= |
| DB4.DBX150.5 | DB4.D1505 | FC65 | R | KOP | NW | 2 | /U |
| DB4.DBX150.5 | DB4.D1505 | FC65 | W | KOP | NW | 10 | /S |
| DB4.DBX150.5 | DB4.D1505 | FC65 | W | KOP | NW | 10 | /= |
| DB4.DBX150.5 | DB4.D1505 | FC65 | W | KOP | NW | 10 | /R |
| DB4.DBX150.5 | DB4.D1505 | FC65 | R | KOP | NW | 10 | /U |
| DB4.DBX150.6 | DB4.D1506 | FC70 | R | KOP | NW | 2 | /O |
| DB4.DBX150.6 | DB4.D1506 | FC70 | W | KOP | NW | 10 | /= |
| DB4.DBX150.6 | DB4.D1506 | FC70 | W | KOP | NW | 10 | /S |
| DB4.DBX150.6 | DB4.D1506 | FC70 | R | KOP | NW | 10 | /U |
| DB4.DBX150.6 | DB4.D1506 | FC70 | W | KOP | NW | 10 | /R |
| DB4.DBX150.7 | DB4.D1507 | FC70 | W | KOP | NW | 11 | /R |
| DB4.DBX150.7 | DB4.D1507 | FC70 | R | KOP | NW | 2 | /O |
| DB4.DBX150.7 | DB4.D1507 | FC70 | W | KOP | NW | 11 | /S |
| DB4.DBX150.7 | DB4.D1507 | FC70 | W | KOP | NW | 11 | /= |
| DB4.DBX150.7 | DB4.D1507 | FC70 | R | KOP | NW | 11 | /U |
| DB4.DBX151.0 | DB4.D1510 | FC70 | R | KOP | NW | 2 | /O |
| DB4.DBX151.0 | DB4.D1510 | FC70 | W | KOP | NW | 12 | /S |
| DB4.DBX151.0 | DB4.D1510 | FC70 | W | KOP | NW | 12 | /= |
| DB4.DBX151.0 | DB4.D1510 | FC70 | W | KOP | NW | 12 | /R |
| DB4.DBX151.0 | DB4.D1510 | FC70 | R | KOP | NW | 12 | /U |
| DB4.DBX151.1 | DB4.D1511 | FC70 | W | KOP | NW | 13 | /= |
| DB4.DBX151.1 | DB4.D1511 | FC70 | R | KOP | NW | 13 | /U |
| DB4.DBX151.1 | DB4.D1511 | FC70 | W | KOP | NW | 13 | /S |
| DB4.DBX151.1 | DB4.D1511 | FC70 | W | KOP | NW | 13 | /R |
| DB4.DBX151.1 | DB4.D1511 | FC70 | R | KOP | NW | 2 | /O |
| DB4.DBX151.2 | DB4.D1512 | FC70 | W | KOP | NW | 14 | /S |
| DB4.DBX151.2 | DB4.D1512 | FC70 | R | KOP | NW | 14 | /U |
| DB4.DBX151.2 | DB4.D1512 | FC70 | R | KOP | NW | 2 | /O |
| DB4.DBX151.2 | DB4.D1512 | FC70 | W | KOP | NW | 14 | /R |
| DB4.DBX151.2 | DB4.D1512 | FC70 | W | KOP | NW | 14 | /= |
| DB4.DBX151.3 | DB4.D1513 | FC70 | W | KOP | NW | 15 | /R |
| DB4.DBX151.3 | DB4.D1513 | FC70 | R | KOP | NW | 2 | /O |
| DB4.DBX151.3 | DB4.D1513 | FC70 | W | KOP | NW | 15 | /S |
| DB4.DBX151.3 | DB4.D1513 | FC70 | W | KOP | NW | 15 | /= |
| DB4.DBX151.3 | DB4.D1513 | FC70 | R | KOP | NW | 15 | /U |
| DB4.DBX151.4 | DB4.D1514 | FC70 | W | KOP | NW | 16 | /= |
| DB4.DBX151.4 | DB4.D1514 | FC70 | R | KOP | NW | 2 | /O |
| DB4.DBX151.4 | DB4.D1514 | FC70 | W | KOP | NW | 16 | /R |
| DB4.DBX151.4 | DB4.D1514 | FC70 | W | KOP | NW | 16 | /S |
| DB4.DBX151.4 | DB4.D1514 | FC70 | R | KOP | NW | 16 | /U |
| DB4.DBX151.5 | DB4.D1515 | FC75 | R | KOP | NW | 9 | /U |
| DB4.DBX151.5 | DB4.D1515 | FC75 | W | KOP | NW | 9 | /= |
| DB4.DBX151.5 | DB4.D1515 | FC75 | W | KOP | NW | 9 | /S |
| DB4.DBX151.5 | DB4.D1515 | FC75 | R | KOP | NW | 2 | /O |
| DB4.DBX151.5 | DB4.D1515 | FC75 | W | KOP | NW | 9 | /R |
| DB4.DBX151.6 | DB4.D1516 | FC75 | W | KOP | NW | 10 | /S |
| DB4.DBX151.6 | DB4.D1516 | FC75 | W | KOP | NW | 10 | /R |
| DB4.DBX151.6 | DB4.D1516 | FC75 | R | KOP | NW | 2 | /O |

| Operand | Symbol | Baustein | Art | Sprache | Details | | |
|--------------|-----------|----------|-----|---------|---------|----|-------|
| DB4.DBX151.6 | DB4.D1516 | FC75 | R | KOP | NW | 10 | /U |
| DB4.DBX151.6 | DB4.D1516 | FC75 | W | KOP | NW | 10 | /= |
| DB4.DBX152.0 | DB4.D1520 | FC80 | W | FUP | NW | 9 | /S |
| DB4.DBX152.0 | DB4.D1520 | FC80 | R | FUP | NW | 2 | /O |
| DB4.DBX152.0 | DB4.D1520 | FC80 | R | FUP | NW | 9 | /U |
| DB4.DBX152.0 | DB4.D1520 | FC80 | W | FUP | NW | 9 | /R |
| DB4.DBX152.0 | DB4.D1520 | FC80 | W | FUP | NW | 9 | /= |
| DB4.DBX152.1 | DB4.D1521 | FC80 | R | FUP | NW | 11 | /U |
| DB4.DBX152.1 | DB4.D1521 | FC80 | W | FUP | NW | 11 | /R |
| DB4.DBX152.1 | DB4.D1521 | FC80 | W | FUP | NW | 11 | /S |
| DB4.DBX152.1 | DB4.D1521 | FC80 | W | FUP | NW | 11 | /= |
| DB4.DBX152.1 | DB4.D1521 | FC80 | R | FUP | NW | 2 | /O |
| DB4.DBX152.2 | DB4.D1522 | FC80 | R | FUP | NW | 12 | /U |
| DB4.DBX152.2 | DB4.D1522 | FC80 | W | FUP | NW | 12 | /= |
| DB4.DBX152.2 | DB4.D1522 | FC80 | W | FUP | NW | 12 | /S |
| DB4.DBX152.2 | DB4.D1522 | FC80 | W | FUP | NW | 12 | /R |
| DB4.DBX152.2 | DB4.D1522 | FC80 | R | FUP | NW | 2 | /O |
| DB4.DBX152.3 | DB4.D1523 | FC80 | W | FUP | NW | 13 | /S |
| DB4.DBX152.3 | DB4.D1523 | FC80 | R | FUP | NW | 13 | /U |
| DB4.DBX152.3 | DB4.D1523 | FC80 | W | FUP | NW | 13 | /= |
| DB4.DBX152.3 | DB4.D1523 | FC80 | W | FUP | NW | 13 | /R |
| DB4.DBX152.3 | DB4.D1523 | FC80 | R | FUP | NW | 2 | /O |
| DB4.DBX152.4 | DB4.D1524 | FC80 | R | FUP | NW | 14 | /U |
| DB4.DBX152.4 | DB4.D1524 | FC80 | W | FUP | NW | 14 | /= |
| DB4.DBX152.4 | DB4.D1524 | FC80 | R | FUP | NW | 2 | /O |
| DB4.DBX152.4 | DB4.D1524 | FC80 | W | FUP | NW | 14 | /S |
| DB4.DBX152.4 | DB4.D1524 | FC80 | W | FUP | NW | 14 | /R |
| DB4.DBX152.5 | DB4.D1525 | FC85 | W | KOP | NW | 9 | /S |
| DB4.DBX152.5 | DB4.D1525 | FC85 | R | KOP | NW | 2 | /O |
| DB4.DBX152.5 | DB4.D1525 | FC85 | R | KOP | NW | 9 | /U |
| DB4.DBX152.5 | DB4.D1525 | FC85 | W | KOP | NW | 9 | /R |
| DB4.DBX152.5 | DB4.D1525 | FC85 | W | KOP | NW | 9 | /= |
| DB4.DBX152.6 | DB4.D1526 | FC85 | W | KOP | NW | 11 | /S |
| DB4.DBX152.6 | DB4.D1526 | FC85 | R | KOP | NW | 11 | /U |
| DB4.DBX152.6 | DB4.D1526 | FC85 | W | KOP | NW | 11 | /= |
| DB4.DBX152.6 | DB4.D1526 | FC85 | W | KOP | NW | 11 | /R |
| DB4.DBX152.6 | DB4.D1526 | FC85 | R | KOP | NW | 2 | /O |
| DB4.DBX153.1 | DB4.D1531 | FC85 | W | KOP | NW | 12 | /= |
| DB4.DBX153.1 | DB4.D1531 | FC85 | R | KOP | NW | 2 | /O |
| DB4.DBX153.1 | DB4.D1531 | FC85 | W | KOP | NW | 12 | /R |
| DB4.DBX153.1 | DB4.D1531 | FC85 | W | KOP | NW | 12 | /S |
| DB4.DBX153.1 | DB4.D1531 | FC85 | R | KOP | NW | 12 | /U |
| DB4.DBX153.5 | DB4.D1535 | FC51 | W | FUP | NW | 8 | /= |
| DB4.DBX153.6 | DB4.D1536 | FC40 | W | FUP | NW | 10 | /= |
| DB4.DBX153.7 | DB4.D1537 | FC40 | W | FUP | NW | 11 | /= |
| DB4.DBX154.0 | DB4.D1540 | FC40 | W | FUP | NW | 12 | /= |
| DB4.DBX154.1 | DB4.D1541 | FC40 | W | FUP | NW | 13 | /= |
| DB4.DBX154.2 | DB4.D1542 | FC40 | W | FUP | NW | 14 | /= |
| DB4.DBX154.3 | DB4.D1543 | FC40 | W | FUP | NW | 16 | /= |
| DB4.DBX154.4 | DB4.D1544 | FC40 | W | FUP | NW | 15 | /= |
| DB4.DBX201.2 | DB4.d2012 | FC51 | R | FUP | NW | 8 | /U |
| DB4.DBX201.2 | DB4.d2012 | FC51 | R | FUP | NW | 8 | /UN |
| DB3.DBW110 | DB3 | FC1 | W | FUP | NW | 1 | /T |
| DB3.DBW110 | DB3 | FC1 | W | FUP | NW | 4 | /T |
| DB3.DBW110 | DB3 | FC1 | W | FUP | NW | 7 | /T |
| DB3.DBW118 | DB3 | FC1 | W | FUP | NW | 6 | /T |
| DB3.DBW118 | DB3 | FC1 | W | FUP | NW | 3 | /T |
| DB3.DBW122 | DB3 | FC1 | W | FUP | NW | 2 | /T |
| DB3.DBW122 | DB3 | FC1 | W | FUP | NW | 5 | /T |
| DB4.DBW110 | DB4 | FC51 | W | FUP | NW | 4 | /T |
| DB4.DBW110 | DB4 | FC51 | W | FUP | NW | 7 | /T |
| DB4.DBW110 | DB4 | FC51 | W | FUP | NW | 1 | /T |
| DB4.DBW118 | DB4 | FC51 | W | FUP | NW | 3 | /T |
| DB4.DBW118 | DB4 | FC51 | W | FUP | NW | 6 | /T |
| DB4.DBW122 | DB4 | FC51 | W | FUP | NW | 5 | /T |
| DB4.DBW122 | DB4 | FC51 | W | FUP | NW | 2 | /T |
| DB3.DBD4 | DB3.DD4 | FC87 | W | KOP | NW | 2 | /T |
| DB3.DBD4 | DB3.DD4 | FC87 | W | KOP | NW | 1 | /CALL |
| DB3.DBD8 | DB3.DD8 | FC30 | R | KOP | NW | 14 | /L |
| DB3.DBD8 | DB3.DD8 | FC89 | W | FUP | NW | 1 | /CALL |
| DB3.DBD8 | DB3.DD8 | FC89 | W | FUP | NW | 2 | /T |
| DB3.DBD12 | DB3.DD12 | FC35 | R | KOP | NW | 12 | /L |
| DB3.DBD12 | DB3.DD12 | FC88 | W | KOP | NW | 1 | /CALL |
| DB3.DBD12 | DB3.DD12 | FC88 | W | KOP | NW | 2 | /T |
| DB3.DBD16 | DB3.DD16 | FC88 | W | KOP | NW | 3 | /CALL |

| Operand | Symbol | Baustein | Art | Sprache | Details |
|-----------|----------|----------|-----|---------|-------------|
| DB3.DBD16 | DB3.DD16 | FC88 | R | KOP | NW 7 /CALL |
| DB3.DBD20 | DB3.DD20 | FC88 | R | KOP | NW 7 /CALL |
| DB3.DBD30 | DB3.DD30 | FC88 | R | KOP | NW 7 /CALL |
| DB3.DBD34 | DB3.DD34 | FC88 | W | KOP | NW 5 /T |
| DB3.DBD34 | DB3.DD34 | FC88 | R | KOP | NW 7 /CALL |
| DB3.DBD38 | DB3.DD38 | FC88 | R | KOP | NW 5 /L |
| DB3.DBD54 | DB3.DD54 | FC88 | R | KOP | NW 10 /CALL |
| DB3.DBD54 | DB3.DD54 | FC88 | W | KOP | NW 7 /CALL |
| DB3.DBD54 | DB3.DD54 | FC88 | R | KOP | NW 4 /L |
| DB3.DBD58 | DB3.DD58 | FC88 | R | KOP | NW 9 /L |
| DB3.DBD58 | DB3.DD58 | FC88 | W | KOP | NW 4 /T |
| DB3.DBD58 | DB3.DD58 | FC88 | W | KOP | NW 9 /T |
| DB3.DBD58 | DB3.DD58 | FC88 | R | KOP | NW 7 /CALL |
| DB3.DBD58 | DB3.DD58 | FC88 | R | KOP | NW 8 /L |
| DB3.DBD58 | DB3.DD58 | FC88 | R | KOP | NW 8 /L |
| DB3.DBD58 | DB3.DD58 | FC88 | R | KOP | NW 9 /L |
| DB3.DBD58 | DB3.DD58 | FC88 | W | KOP | NW 8 /T |
| DB4.DBD4 | DB4.DD4 | FC90 | W | FUP | NW 1 /CALL |
| DB4.DBD4 | DB4.DD4 | FC90 | W | FUP | NW 2 /T |
| DB4.DBD8 | DB4.DD8 | FC92 | W | FUP | NW 2 /T |
| DB4.DBD8 | DB4.DD8 | FC80 | R | FUP | NW 14 /L |
| DB4.DBD8 | DB4.DD8 | FC92 | W | FUP | NW 1 /CALL |
| DB4.DBD12 | DB4.DD12 | FC85 | R | KOP | NW 12 /L |
| DB4.DBD12 | DB4.DD12 | FC91 | W | FUP | NW 1 /CALL |
| DB4.DBD12 | DB4.DD12 | FC91 | W | FUP | NW 2 /T |
| DB4.DBD16 | DB4.DD16 | FC91 | R | FUP | NW 7 /CALL |
| DB4.DBD16 | DB4.DD16 | FC91 | W | FUP | NW 3 /CALL |
| DB4.DBD20 | DB4.DD20 | FC91 | R | FUP | NW 7 /CALL |
| DB4.DBD30 | DB4.DD30 | FC91 | R | FUP | NW 7 /CALL |
| DB4.DBD34 | DB4.DD34 | FC91 | W | FUP | NW 5 /T |
| DB4.DBD34 | DB4.DD34 | FC91 | R | FUP | NW 7 /CALL |
| DB4.DBD38 | DB4.DD38 | FC91 | R | FUP | NW 5 /L |
| DB4.DBD54 | DB4.DD54 | FC91 | W | FUP | NW 7 /CALL |
| DB4.DBD54 | DB4.DD54 | FC91 | R | FUP | NW 10 /CALL |
| DB4.DBD54 | DB4.DD54 | FC91 | R | FUP | NW 4 /L |
| DB4.DBD58 | DB4.DD58 | FC91 | W | FUP | NW 4 /T |
| DB4.DBD58 | DB4.DD58 | FC91 | R | FUP | NW 9 /L |
| DB4.DBD58 | DB4.DD58 | FC91 | W | FUP | NW 9 /T |
| DB4.DBD58 | DB4.DD58 | FC91 | R | FUP | NW 7 /CALL |
| DB4.DBD58 | DB4.DD58 | FC91 | R | FUP | NW 9 /L |
| DB4.DBD58 | DB4.DD58 | FC91 | W | FUP | NW 8 /T |
| DB4.DBD58 | DB4.DD58 | FC91 | R | FUP | NW 8 /L |
| DB4.DBD58 | DB4.DD58 | FC91 | R | FUP | NW 8 /L |
| DB 13 | | FC88 | R | KOP | NW 7 /CALL |
| DB 14 | | FC91 | R | FUP | NW 7 /CALL |
| T 1 | T1 | FC2 | R | KOP | NW 9 /U |
| T 1 | T1 | FC2 | W | KOP | NW 9 /SE |
| T 2 | T2 | FC5 | W | KOP | NW 6 /SE |
| T 2 | T2 | FC5 | R | KOP | NW 6 /U |
| T 3 | T3 | FC5 | W | KOP | NW 8 /SE |
| T 3 | T3 | FC5 | R | KOP | NW 8 /U |
| T 6 | T6 | FC15 | W | KOP | NW 9 /SE |
| T 6 | T6 | FC15 | R | KOP | NW 9 /U |
| T 7 | T7 | FC20 | R | KOP | NW 9 /U |
| T 7 | T7 | FC20 | W | KOP | NW 9 /SE |
| T 8 | T8 | FC25 | W | KOP | NW 10 /SE |
| T 8 | T8 | FC25 | R | KOP | NW 10 /U |
| T 10 | T10 | FC30 | W | KOP | NW 10 /SE |
| T 10 | T10 | FC30 | R | KOP | NW 10 /U |
| T 11 | T11 | FC30 | W | KOP | NW 13 /SE |
| T 11 | T11 | FC30 | R | KOP | NW 13 /U |
| T 12 | T12 | FC30 | W | KOP | NW 14 /SE |
| T 12 | T12 | FC30 | R | KOP | NW 14 /U |
| T 13 | T13 | FC35 | R | KOP | NW 4 /U |
| T 13 | T13 | FC35 | W | KOP | NW 4 /SE |
| T 14 | T14 | FC35 | R | KOP | NW 10 /U |
| T 14 | T14 | FC35 | W | KOP | NW 10 /SE |
| T 16 | T16 | FC35 | R | KOP | NW 12 /U |
| T 16 | T16 | FC35 | W | KOP | NW 12 /SE |
| T 17 | T17 | FC88 | R | KOP | NW 4 /U |
| T 17 | T17 | FC88 | R | KOP | NW 8 /ON |
| T 17 | T17 | FC88 | R | KOP | NW 9 /ON |
| T 17 | T17 | FC88 | R | KOP | NW 12 /U |
| T 17 | T17 | FC88 | R | KOP | NW 13 /UN |
| T 17 | T17 | FC88 | R | KOP | NW 7 /UN |

| Operand | Symbol | Baustein | Art | Sprache | Details |
|---------|--------|----------|-----|---------|------------|
| T 17 | T17 | FC88 | W | KOP | NW 6 /SE |
| T 50 | T50 | FC52 | R | FUP | NW 9 /U |
| T 50 | T50 | FC52 | W | FUP | NW 9 /SE |
| T 51 | T51 | FC55 | W | KOP | NW 6 /SE |
| T 51 | T51 | FC55 | R | KOP | NW 6 /U |
| T 52 | T52 | FC55 | R | KOP | NW 8 /U |
| T 52 | T52 | FC55 | W | KOP | NW 8 /SE |
| T 53 | T53 | FC65 | W | KOP | NW 9 /SE |
| T 53 | T53 | FC65 | R | KOP | NW 9 /U |
| T 54 | T54 | FC70 | W | KOP | NW 9 /SE |
| T 54 | T54 | FC70 | R | KOP | NW 9 /U |
| T 55 | T55 | FC75 | W | KOP | NW 10 /SE |
| T 55 | T55 | FC75 | R | KOP | NW 10 /U |
| T 56 | T56 | FC80 | R | FUP | NW 10 /U |
| T 56 | T56 | FC80 | W | FUP | NW 10 /SE |
| T 57 | T57 | FC80 | R | FUP | NW 13 /U |
| T 57 | T57 | FC80 | W | FUP | NW 13 /SE |
| T 58 | T58 | FC80 | W | FUP | NW 14 /SE |
| T 58 | T58 | FC80 | R | FUP | NW 14 /U |
| T 59 | T59 | FC85 | R | KOP | NW 4 /U |
| T 59 | T59 | FC85 | W | KOP | NW 4 /SE |
| T 60 | T60 | FC85 | R | KOP | NW 10 /U |
| T 60 | T60 | FC85 | W | KOP | NW 10 /SE |
| T 61 | T61 | FC85 | R | KOP | NW 12 /U |
| T 61 | T61 | FC85 | W | KOP | NW 12 /SE |
| T 86 | T86 | FC40 | W | FUP | NW 7 /SE |
| T 86 | T86 | FC40 | R | FUP | NW 7 /U |
| T 87 | T87 | FC40 | W | FUP | NW 8 /SE |
| T 87 | T87 | FC40 | R | FUP | NW 8 /U |
| T 88 | T88 | FC40 | R | FUP | NW 16 /U |
| T 88 | T88 | FC40 | W | FUP | NW 16 /SE |
| T 100 | | FC1 | W | FUP | NW 8 /SE |
| T 100 | | FC1 | R | FUP | NW 8 /U |
| T 101 | | FC1 | R | FUP | NW 8 /U |
| T 101 | | FC1 | W | FUP | NW 8 /SE |
| T 103 | | FC51 | W | FUP | NW 8 /SE |
| T 103 | | FC51 | R | FUP | NW 8 /U |
| T 104 | | FC51 | W | FUP | NW 8 /SE |
| T 104 | | FC51 | R | FUP | NW 8 /U |
| T 117 | T117 | FC91 | W | FUP | NW 6 /SE |
| T 117 | T117 | FC91 | R | FUP | NW 9 /ON |
| T 117 | T117 | FC91 | R | FUP | NW 7 /UN |
| T 117 | T117 | FC91 | R | FUP | NW 4 /U |
| T 117 | T117 | FC91 | R | FUP | NW 8 /ON |
| T 117 | T117 | FC91 | R | FUP | NW 12 /U |
| T 117 | T117 | FC91 | R | FUP | NW 13 /UN |
| FC 1 | | OB1 | R | FUP | NW 3 /UC |
| FC 2 | | OB1 | R | FUP | NW 4 /UC |
| FC 5 | | OB1 | R | FUP | NW 5 /UC |
| FC 7 | | OB1 | R | FUP | NW 6 /UC |
| FC 11 | | OB1 | R | FUP | NW 7 /UC |
| FC 13 | | OB1 | R | FUP | NW 8 /UC |
| FC 15 | | OB1 | R | FUP | NW 9 /UC |
| FC 20 | | OB1 | R | FUP | NW 10 /UC |
| FC 25 | | OB1 | R | FUP | NW 11 /UC |
| FC 30 | | OB1 | R | FUP | NW 12 /UC |
| FC 35 | | OB1 | R | FUP | NW 13 /UC |
| FC 40 | | OB1 | R | FUP | NW 14 /UC |
| FC 51 | | OB1 | R | FUP | NW 15 /UC |
| FC 52 | | OB1 | R | FUP | NW 16 /UC |
| FC 55 | | OB1 | R | FUP | NW 17 /UC |
| FC 57 | | OB1 | R | FUP | NW 18 /UC |
| FC 61 | | OB1 | R | FUP | NW 19 /UC |
| FC 65 | | OB1 | R | FUP | NW 20 /UC |
| FC 70 | | OB1 | R | FUP | NW 21 /UC |
| FC 75 | | OB1 | R | FUP | NW 22 /UC |
| FC 80 | | OB1 | R | FUP | NW 23 /UC |
| FC 85 | | OB1 | R | FUP | NW 24 /UC |
| FC 87 | | OB35 | R | FUP | NW 1 /CALL |
| FC 88 | | OB35 | R | FUP | NW 2 /CALL |
| FC 89 | | OB35 | R | FUP | NW 3 /CALL |
| FC 90 | | OB35 | R | FUP | NW 4 /CALL |
| FC 91 | | OB35 | R | FUP | NW 5 /CALL |
| FC 92 | | OB35 | R | FUP | NW 6 /CALL |
| FC 100 | | FC92 | R | FUP | NW 1 /CALL |

| Operand | Symbol | Baustein | Art | Sprache | Details | | |
|---------|--------|----------|-----|---------|---------|----|-------|
| FC 100 | | FC91 | R | FUP | NW | 1 | /CALL |
| FC 100 | | FC88 | R | KOP | NW | 3 | /CALL |
| FC 100 | | FC88 | R | KOP | NW | 1 | /CALL |
| FC 100 | | FC91 | R | FUP | NW | 3 | /CALL |
| FC 100 | | FC90 | R | FUP | NW | 1 | /CALL |
| FC 100 | | FC87 | R | KOP | NW | 1 | /CALL |
| FC 100 | | FC89 | R | FUP | NW | 1 | /CALL |
| FC 101 | | FC88 | R | KOP | NW | 10 | /CALL |
| FC 101 | | FC91 | R | FUP | NW | 10 | /CALL |
| FB 41 | | FC91 | R | FUP | NW | 7 | /CALL |
| FB 41 | | FC88 | R | KOP | NW | 7 | /CALL |
| PEW 256 | | FC90 | R | FUP | NW | 1 | /CALL |
| PEW 258 | | FC92 | R | FUP | NW | 1 | /CALL |
| PEW 260 | | FC91 | R | FUP | NW | 1 | /CALL |
| PEW 262 | | FC91 | R | FUP | NW | 3 | /CALL |
| PEW 320 | | FC87 | R | KOP | NW | 1 | /CALL |
| PEW 322 | | FC89 | R | FUP | NW | 1 | /CALL |
| PEW 324 | | FC88 | R | KOP | NW | 1 | /CALL |
| PEW 326 | | FC88 | R | KOP | NW | 3 | /CALL |
| PAW 256 | | FC91 | W | FUP | NW | 10 | /CALL |
| PAW 336 | | FC88 | W | KOP | NW | 10 | /CALL |

OB1 - <offline>

""
 Name: Familie:
 Autor: Version: 0.1
 Bausteinversion: 2
 Zeitstempel Code: 09.05.01 17:12:21
 Interface: 13.07.98 15:25:27
 Längen (Baustein / Code / Daten): 00332 00142 00020

| Adresse | Deklaration | Name | Typ | Anfangswert | Kommentar |
|---------|-------------|----------------|---------------|-------------|---|
| 0.0 | temp | OB1_EV_CLASS | BYTE | | Bits 0-3 = 1 (Coming event), Bits 4-7 = 1 (Event class 1) |
| 1.0 | temp | OB1_SCAN_1 | BYTE | | 1 (Cold restart scan 1 of OB 1), 3 (Scan 2-n of OB 1) |
| 2.0 | temp | OB1_PRIORITY | BYTE | | 1 (Priority of 1 is lowest) |
| 3.0 | temp | OB1_OB_NUMBR | BYTE | | 1 (Organization block 1, OB1) |
| 4.0 | temp | OB1_RESERVED_1 | BYTE | | Reserved for system |
| 5.0 | temp | OB1_RESERVED_2 | BYTE | | Reserved for system |
| 6.0 | temp | OB1_PREV_CYCLE | INT | | Cycle time of previous OB1 scan (milliseconds) |
| 8.0 | temp | OB1_MIN_CYCLE | INT | | Minimum cycle time of OB1 (milliseconds) |
| 10.0 | temp | OB1_MAX_CYCLE | INT | | Maximum cycle time of OB1 (milliseconds) |
| 12.0 | temp | OB1_DATE_TIME | DATE_AND_TIME | | Date and time OB1 started |

Baustein: OB1 Organisationsbaustein

Programm für eine Schlammmentwässerung mit 2 Bellmer Winkelpresse WPN-K2
 Dateiname: GrudWP
 Gespeichert auf 3,5" Diskette
 Stand: 09.05.01
 Bearbeiter: Petrik

Änderungen:

FC Netzwerk Datum: Name:

Netzwerk: 1 Eins-Merker



Netzwerk: 2 Null-Merker



Netzwerk: 3 Allgemeiner Teil Busverbindung WP1 + Bilderanwahl



Netzwerk: 4 Allgemeiner Teil Winkelpresse 1

FC2

CALL

Netzwerk: 5 Gruppenstart Winkelpresse 1

FC5

FC5

CALL

Netzwerk: 6 Gruppenstart Schlammzufuhr Winkelpresse 1

FC7

FC7

CALL

Netzwerk: 7 Sammelstoermeldung Winkelpresse 1

FC11

CALL

Netzwerk: 8 bauseitige Förderschnecken

FC13

FC13

CALL

Netzwerk: 9 Hydraulik Winkelpresse 1

FC15

CALL

| |
|--|
| Netzwerk: 10 Antrieb Winkelpresse 1 |
|--|

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|--------------|
| FC20 CALL |
|--------------|

| |
|--|
| Netzwerk: 11 Siebreinigungspumpe Winkelpresse 1 |
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| FC25 |
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| FC25 CALL |
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| Netzwerk: 12 Flockungsmittel-Dosierpumpe Winkelpresse 1 |
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| FC30 |
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| |
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| FC30 CALL |
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|---|
| Netzwerk: 13 Schlammpumpe Winkelpresse 1 |
|---|

| |
|------|
| FC35 |
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|--------------|
| FC35 CALL |
|--------------|

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|---|
| Netzwerk: 14 Flockungsmittel-Aufbereitung Winkelpresse 1 + 2 |
|---|

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|------|
| FC40 |
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|--------------|
| FC40 CALL |
|--------------|

| |
|---|
| Netzwerk: 15 Allgemeiner Teil Busverbindung WP2 + Bilderanwahl |
|---|

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|------|
| FC51 |
|------|

| |
|--------------|
| FC51 CALL |
|--------------|

Netzwerk: 16 Allgemeiner Teil Winkelpresse 2

FC52

FC52

CALL

Netzwerk: 17 Gruppenstart Winkelpresse 2

FC55

FC55

CALL

Netzwerk: 18 Gruppenstart Schlammzufuhr Winkelpresse 2

FC57

FC57

CALL

Netzwerk: 19 Sammelstoermeldung Winkelpresse 2

FC61

FC61

CALL

Netzwerk: 20 Hydraulik Winkelpresse 2

FC65

FC65

CALL

Netzwerk: 21 Antrieb Winkelpresse 2

FC70

FC70

CALL

Netzwerk: 22 Siebreinigungspumpe Winkelpresse 2

FC75

FC75

CALL

Netzwerk: 23 Flockungsmittel-Dosierpumpe Winkelpresse 2

FC80

FC80

CALL

Netzwerk: 24 Schlammpumpe Winkelpresse 2

FC85

FC85

CALL

OB35 - <offline>

""

Name: Familie:
 Autor: Version: 0.1
 Bausteinversion: 2
 Zeitstempel Code: 09.05.01 17:14:19
 Interface: 12.01.99 10:29:23
 Längen (Baustein / Code / Daten): 00220 00098 00022

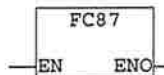
| Adresse | Deklaration | Name | Typ | Anfangswert | Kommentar |
|---------|-------------|-------------------|---------------|-------------|---|
| 0.0 | temp | OB35_EV_CLASS | BYTE | | Bits 0-3 = 1 (Coming event), Bits 4-7 = 1 (Event class 1) |
| 1.0 | temp | OB35_STRT_INF | BYTE | | 16#36 (OB 35 has started) |
| 2.0 | temp | OB35_PRIORITY | BYTE | | 11 (Priority of 1 is lowest) |
| 3.0 | temp | OB35_OB_NUMBR | BYTE | | 35 (Organization block 35, OB35) |
| 4.0 | temp | OB35_RESERVED 1 | BYTE | | Reserved for system |
| 5.0 | temp | OB35_RESERVED 2 | BYTE | | Reserved for system |
| 6.0 | temp | OB35_PHASE_OFFSET | WORD | | Phase offset (msec) |
| 8.0 | temp | OB35_RESERVED 3 | INT | | Reserved for system |
| 10.0 | temp | OB35_EXC_FREQ | INT | | Frequency of execution (msec) |
| 12.0 | temp | OB35_DATE_TIME | DATE AND TIME | | Date and time OB35 started |

Baustein: OB35 Zeitgesteuerte Bearbeitung

Baustein wird alle 100ms aufgerufen

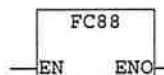
Netzwerk: 1 Analogwerte einlesen und ausgeben

Bandgeschwindigkeit Winkelpresse 1



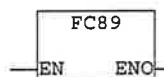
Netzwerk: 2 Analogwerte einlesen und ausgeben

Schlammpumpe Winkelpresse 1 einschließlich Regelung Fördermenge in abhängigkeit vom Niveau Schlammkuchen auf dem Siebtisch Winkelpresse 1



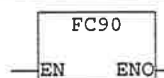
Netzwerk: 3 Analogwerte einlesen und ausgeben

Fördermenge Flockungsmittel-Dosierpumpe Winkelpresse 1



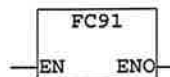
Netzwerk: 4 Analogwerte einlesen und ausgeben

Bandgeschwindigkeit Winkelpresse 2



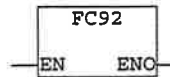
Netzwerk: 5 Analogwerte einlesen und ausgeben

Schlammpumpe Winkelpresse 2 einschließlich Regelung Fördermenge in abhängigkeit vom Niveau Schlammkuchen auf dem Siebtisch Winkelpresse 2



Netzwerk: 6 Analogwerte einlesen und ausgeben

Fördermenge Flockungsmittel-Dosierpumpe Winkelpresse 2



OB82 - <offline>

""

Name: Familie:
 Autor: Version: 0.1
 Bausteinversion: 2
 Zeitstempel Code: 15.02.96 16:51:13
 Interface: 15.02.96 16:51:13
 Längen (Baustein / Code / Daten): 00160 00002 00020

| Adresse | Deklaration | Name | Typ | Anfangswert | Kommentar |
|---------|-------------|---------------------|---------------|-------------|--|
| 0.0 | temp | OB82_EV_CLASS | BYTE | | 16#39, Event class 3, Entering event state, Internal fault event |
| 1.0 | temp | OB82_FLT_ID | BYTE | | 16#XX, Fault identification code |
| 2.0 | temp | OB82_PRIORITY | BYTE | | 26/28 (Priority of 1 is lowest) |
| 3.0 | temp | OB82_OB_NUMBR | BYTE | | 82 (Organization block 82, OB82) |
| 4.0 | temp | OB82_RESERVED_1 | BYTE | | Reserved for system |
| 5.0 | temp | OB82_IO_FLAG | BYTE | | Input (01010100), Output (01010101) |
| 6.0 | temp | OB82_MDL_ADDR | INT | | Base address of module with fault |
| 8.0 | temp | OB82_MDL_DEFECT | BOOL | | Module defective |
| 8.1 | temp | OB82_INT_FAULT | BOOL | | Internal fault |
| 8.2 | temp | OB82_EXT_FAULT | BOOL | | External fault |
| 8.3 | temp | OB82_PNT_INFO | BOOL | | Point information |
| 8.4 | temp | OB82_EXT_VOLTAGE | BOOL | | External voltage low |
| 8.5 | temp | OB82_FLD_CONNCTR | BOOL | | Field wiring connector missing |
| 8.6 | temp | OB82_NO_CONFIG | BOOL | | Module has no configuration data |
| 8.7 | temp | OB82_CONFIG_ERR | BOOL | | Module has configuration error |
| 9.0 | temp | OB82_MDL_TYPE | BYTE | | Type of module |
| 10.0 | temp | OB82_SUB_NDL_ERR | BOOL | | Sub-Module is missing or has error |
| 10.1 | temp | OB82_COMM_FAULT | BOOL | | Communication fault |
| 10.2 | temp | OB82_MDL_STOP | BOOL | | Module is stopped |
| 10.3 | temp | OB82_WTCH_DOG_FLT | BOOL | | Watch dog timer stopped module |
| 10.4 | temp | OB82_INT_PS_FLT | BOOL | | Internal power supply fault |
| 10.5 | temp | OB82_PRIM_BATT_FLT | BOOL | | Primary battery is in fault |
| 10.6 | temp | OB82_BCKUP_BATT_FLT | BOOL | | Backup battery is in fault |
| 10.7 | temp | OB82_RESERVED_2 | BOOL | | Reserved for system |
| 11.0 | temp | OB82_RACK_FLT | BOOL | | Rack fault, only for bus interface module |
| 11.1 | temp | OB82_PROC_FLT | BOOL | | Processor fault |
| 11.2 | temp | OB82_EPROM_FLT | BOOL | | EPROM fault |
| 11.3 | temp | OB82_RAM_FLT | BOOL | | RAM fault |
| 11.4 | temp | OB82_ADU_FLT | BOOL | | ADU fault |
| 11.5 | temp | OB82_FUSE_FLT | BOOL | | Fuse fault |
| 11.6 | temp | OB82_HW_INTR_FLT | BOOL | | Hardware interrupt input in fault |
| 11.7 | temp | OB82_RESERVED_3 | BOOL | | Reserved for system |
| 12.0 | temp | OB82_DATE_TIME | DATE_AND_TIME | | Date and time OB82 started |

Baustein: OB82 "I/O Point Fault"

Netzwerk: 1

OB86 - <offline>

""

Name: Familie:
 Autor: Version: 0.1
 Bausteinversion: 2
 Zeitstempel Code: 15.02.96 16:51:04
 Interface: 15.02.96 16:51:04
 Längen (Baustein / Code / Daten): 00116 00002 00020

| Adresse | Deklaration | Name | Typ | Anfangswert | Kommentar |
|---------|-------------|-----------------|---------------|-------------|--|
| 0.0 | temp | OB86_EV_CLASS | BYTE | | 16#38/39 Event class 3 |
| 1.0 | temp | OB86_FLT_ID | BYTE | | 16#C1/C4/C5, Fault identification code |
| 2.0 | temp | OB86_PRIORITY | BYTE | | 26/28 (Priority of 1 is lowest) |
| 3.0 | temp | OB86_OB_NUMBER | BYTE | | 86 (Organization block 86, OB86) |
| 4.0 | temp | OB86_RESERVED_1 | BYTE | | Reserved for system |
| 5.0 | temp | OB86_RESERVED_2 | BYTE | | Reserved for system |
| 6.0 | temp | OB86_MDL_ADDR | WORD | | Depending on fault identification code |
| 8.0 | temp | OB86_RACKS_FLTD | ARRAY[0..31] | | |
| *0.1 | temp | | BOOL | | |
| 12.0 | temp | OB86_DATE_TIME | DATE AND TIME | | Date and time OB86 started |

| |
|-------------------------------------|
| Baustein: OB86 "Loss Of Rack Fault" |
|-------------------------------------|

| |
|-------------|
| Netzwerk: 1 |
|-------------|

FB41 - <offline>

""

Name: CONT C Familie: ICONT
 Autor: SIMATIC Version: 1.0
 Bausteinversion: 2
 Zeitstempel Code: 12.05.97 14:07:08
 Interface: 12.05.97 14:07:08
 Längen (Baustein / Code / Daten): 01522 01212 00066
 KNOW HOW Schutz

| Adresse | Deklaration | Name | Typ | Anfangswert | Kommentar |
|---------|-------------|----------|------|---------------|---|
| 0.0 | in | COM_RST | BOOL | FALSE | complete restart |
| 0.1 | in | MAN_ON | BOOL | TRUE | manual value on |
| 0.2 | in | PVPER_ON | BOOL | FALSE | process variable peripherie on |
| 0.3 | in | P_SEL | BOOL | TRUE | proportional action on |
| 0.4 | in | I_SEL | BOOL | TRUE | integral action on |
| 0.5 | in | INT_HOLD | BOOL | FALSE | integral action hold |
| 0.6 | in | I_ITL_ON | BOOL | FALSE | initialization of the integral action |
| 0.7 | in | D_SEL | BOOL | FALSE | derivative action on |
| 2.0 | in | CYCLE | TIME | T#1S | sample time |
| 6.0 | in | SP_INT | REAL | 0.000000e+000 | internal setpoint |
| 10.0 | in | PV_IN | REAL | 0.000000e+000 | process variable in |
| 14.0 | in | PV_PER | WORD | W#16#0 | process variable peripherie |
| 16.0 | in | MAN | REAL | 0.000000e+000 | manual value |
| 20.0 | in | GAIN | REAL | 2.000000e+000 | proportional gain |
| 24.0 | in | TI | TIME | T#20S | reset time |
| 28.0 | in | TD | TIME | T#10S | derivative time |
| 32.0 | in | TM_LAG | TIME | T#2S | time lag of the derivative action |
| 36.0 | in | DEADB_W | REAL | 0.000000e+000 | dead band width |
| 40.0 | in | LMN_HLM | REAL | 1.000000e+002 | manipulated value high limit |
| 44.0 | in | LMN_LLM | REAL | 0.000000e+000 | manipulated value low limit |
| 48.0 | in | PV_FAC | REAL | 1.000000e+000 | process variable factor |
| 52.0 | in | PV_OFF | REAL | 0.000000e+000 | process variable offset |
| 56.0 | in | LMN_FAC | REAL | 1.000000e+000 | manipulated value factor |
| 60.0 | in | LMN_OFF | REAL | 0.000000e+000 | manipulated value offset |
| 64.0 | in | I_ITLVAL | REAL | 0.000000e+000 | initialization value of the integral action |
| 68.0 | in | DISV | REAL | 0.000000e+000 | disturbance variable |
| 72.0 | out | LMN | REAL | 0.000000e+000 | manipulated value |
| 76.0 | out | LMN_PER | WORD | W#16#0 | manipulated value peripherie |
| 78.0 | out | QLMN_HLM | BOOL | FALSE | high limit of manipulated value reached |
| 78.1 | out | QLMN_LLM | BOOL | FALSE | low limit of manipulated value reached |
| 80.0 | out | LMN_P | REAL | 0.000000e+000 | proportionality component |
| 84.0 | out | LMN_I | REAL | 0.000000e+000 | integral component |
| 88.0 | out | LMN_D | REAL | 0.000000e+000 | derivative component |
| 92.0 | out | PV | REAL | 0.000000e+000 | process variable |
| 96.0 | out | ER | REAL | 0.000000e+000 | error signal |

| |
|---|
| Baustein: FB41 continuous PID controller |
|---|

FB42 - <offline>

""

Name: CONT_S Familie: ICONT
 Autor: SIMATIC Version: 1.0
 Bausteinversion: 2
 Zeitstempel Code: 12.11.97 15:52:00
 Interface: 12.11.97 15:03:14
 Längen (Baustein / Code / Daten): 01940 01610 00052
 KNOW HOW Schutz

| Adresse | Deklaration | Name | Typ | Anfangswert | Kommentar |
|---------|-------------|----------|------|---------------|---|
| 0.0 | in | COM_RST | BOOL | FALSE | complete restart |
| 0.1 | in | LMNR_HS | BOOL | FALSE | high limit signal of repeated manipulated value |
| 0.2 | in | LMNR_LS | BOOL | FALSE | low limit signal of repeated manipulated value |
| 0.3 | in | LMNS_ON | BOOL | FALSE | manipulated signals on |
| 0.4 | in | LMNUP | BOOL | FALSE | manipulated signal up |
| 0.5 | in | LMNDN | BOOL | FALSE | manipulated signal down |
| 0.6 | in | PVPER_ON | BOOL | FALSE | process variable peripherie on |
| 2.0 | in | CYCLE | TIME | T#1S | sample time |
| 6.0 | in | SP_INT | REAL | 0.000000e+000 | internal setpoint |
| 10.0 | in | PV_IN | REAL | 0.000000e+000 | process variable in |
| 14.0 | in | PV_PER | WORD | W#16#0 | process variable peripherie |
| 16.0 | in | GAIN | REAL | 2.000000e+000 | proportional gain |
| 20.0 | in | TI | TIME | T#20S | reset time |
| 24.0 | in | DEADB_W | REAL | 1.000000e+000 | dead band width |
| 28.0 | in | PV_FAC | REAL | 1.000000e+000 | process variable factor |
| 32.0 | in | PV_OFF | REAL | 0.000000e+000 | process variable offset |
| 36.0 | in | PULSE_TM | TIME | T#3S | minimum pulse time |
| 40.0 | in | BREAK_TM | TIME | T#3S | minimum break time |
| 44.0 | in | MTR_TM | TIME | T#30S | motor manipulated value |
| 48.0 | in | DISV | REAL | 0.000000e+000 | disturbance variable |
| 52.0 | out | QLMNUP | BOOL | FALSE | manipulated signal up |
| 52.1 | out | QLMNDN | BOOL | FALSE | manipulated signal down |
| 54.0 | out | PV | REAL | 0.000000e+000 | process variable |
| 58.0 | out | ER | REAL | 0.000000e+000 | error signal |

Baustein: FB42 PID step controller

FC1 - <offline>

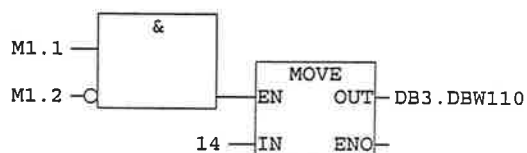
""

Name: Familie:
 Autor: Version: 0.1
 Bausteinversion: 2
 Zeitstempel Code: 07.05.01 11:09:25
 Interface: 25.06.98 09:07:16
 Längen (Baustein / Code / Daten): 00328 00208 00000

| Adresse | Deklaration | Name | Typ | Anfangswert | Kommentar |
|---------|-------------|------|-----|-------------|-----------|
| | in | | | | |
| | out | | | | |
| | in_out | | | | |
| | temp | | | | |

Baustein: FC1 Allgemein

Netzwerk: 1 Bildanwahl Hand TD (Bild 14) bei Vorwahl Betriebsart Hand

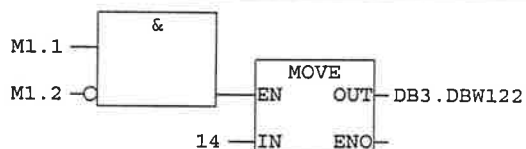


Symbolinformation

M1.1 M1.1 (TP) Vorwahl Betriebsart Hand WP1
 M1.2 M1.2 (TP) Vorwahl Betriebsart Automatik

Netzwerk: 2 Bildanwahl Hand WP (Bild 14) bei Vorwahl Betriebsart Hand

Bildwechsel von Istwert Bandgeschwindigkeit nach Antrieb WP in der Handebene

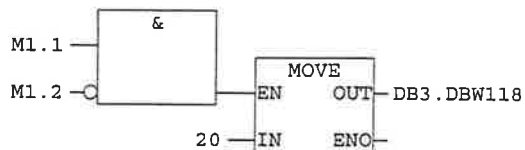


Symbolinformation

M1.1 M1.1 (TP) Vorwahl Betriebsart Hand WP1
 M1.2 M1.2 (TP) Vorwahl Betriebsart Automatik

Netzwerk: 3 Bildanwahl Pumpen Hand ,Bild14 bei Vorwahl Betriebsart Hand

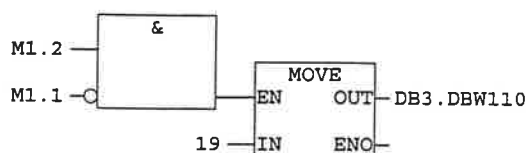
Bildwechsel von Istwert Fördermengen nach Pumpen in der Handebene



Symbolinformation

M1.1 M1.1 (TP) Vorwahl Betriebsart Hand WP1
 M1.2 M1.2 (TP) Vorwahl Betriebsart Automatik

Netzwerk: 4 Bildanwahl Gruppenstart (Bild 19) bei Vorwahl Betriebsart Auto

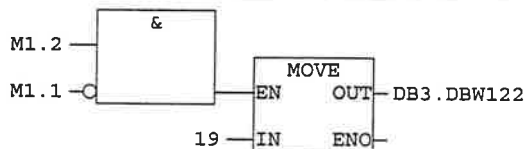


Symbolinformation

M1.2 M1.2 (TP) Vorwahl Betriebsart Automatik
M1.1 M1.1 (TP) Vorwahl Betriebsart Hand WP1

Netzwerk: 5 Bildanwahl Gruppenstart (Bild 19) bei Vorwahl Betriebsart Auto

Bildwechsel von Istwert Bandgeschwindigkeit nach Gruppenstart WP1

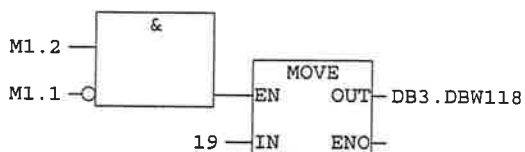


Symbolinformation

M1.2 M1.2 (TP) Vorwahl Betriebsart Automatik
M1.1 M1.1 (TP) Vorwahl Betriebsart Hand WP1

Netzwerk: 6 Bildanwahl Gruppenstart (Bild 19) bei Vorwahl Betriebsart Auto

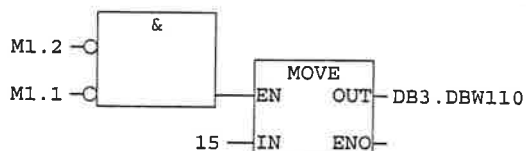
Bildwechsel von Istwert Fördermengen nach Gruppenstart WP1



Symbolinformation

M1.2 M1.2 (TP) Vorwahl Betriebsart Automatik
M1.1 M1.1 (TP) Vorwahl Betriebsart Hand WP1

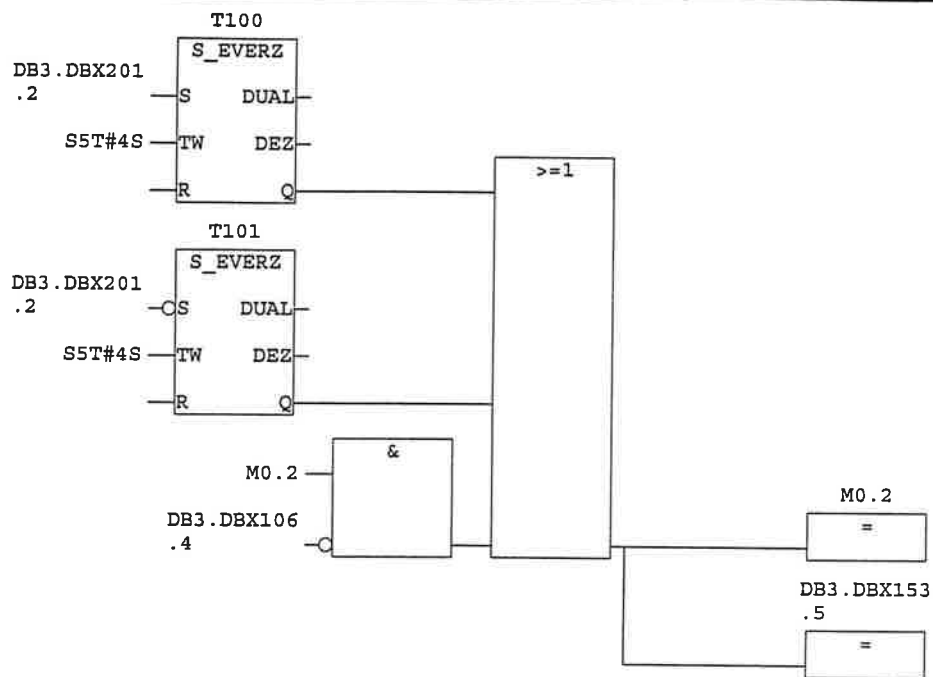
Netzwerk: 7 keine weitere Bildanwahl bei Vorwahl Aus



Symbolinformation

M1.2 M1.2 (TP) Vorwahl Betriebsart Automatik
M1.1 M1.1 (TP) Vorwahl Betriebsart Hand WP1

Netzwerk: 8 Überwachung Kommunikation SPS - Touch Panel

**Symbolinformation**

DB3.DBX201.2 "DB3".d2012
 DB3.DBX106.4 "DB3".D1064
 DB3.DBX153.5 "DB3".D1535

Lebensbit

(TP) Taster Quittierung Störung
 (TP) Alarm keine Kommunikation TP27 - SPS

FC2 - <offline>

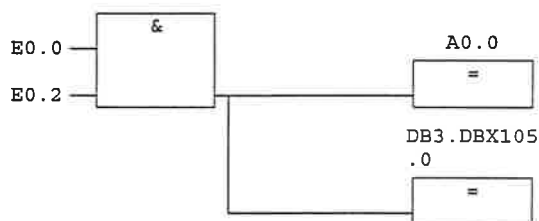
""

Name: Familie:
 Autor: Version: 0.1
 Bausteinversion: 2
 Zeitstempel Code: 07.05.01 11:14:26
 Interface: 07.01.99 16:40:54
 Längen (Baustein / Code / Daten): 00342 00200 00000

| Adresse | Deklaration | Name | Typ | Anfangswert | Kommentar |
|---------|-------------|------|-----|-------------|-----------|
| | in | | | | |
| | out | | | | |
| | in_out | | | | |
| | temp | | | | |

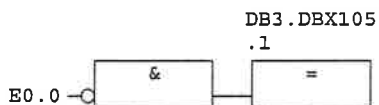
Baustein: FC2 Allgemeiner Teil

Netzwerk: 1 ML Steuerspannung Ein

**Symbolinformation**

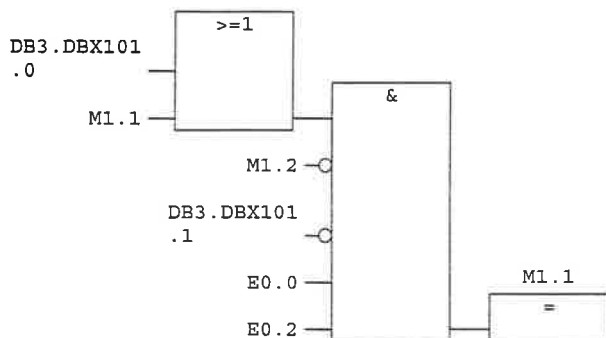
E0.0 =150+CP-K1 Napiecie sterujace WP1
 E0.2 =150+CP-A1 Wylacznik bezpieczestna zalaczone WP1+WP2
 A0.0 =150+BBWP1-SH1 Napiecie sterujace WP1
 DB3.DBX105.0 "DB3".D1050 (TP) ML Steuerspannung Ein

Netzwerk: 2 (TP) ML Steuerspannung Aus

**Symbolinformation**

E0.0 =150+CP-K1 Napiecie sterujace WP1
 DB3.DBX105.1 "DB3".D1051 (TP) ML Steuerspannung Aus

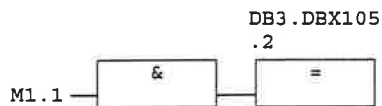
Netzwerk: 3 (TP) Vorwahl Betriebsart Hand

**Symbolinformation**

DB3.DBX101.0 "DB3".D1010 (TP) Taster Vorwahl Hand
 M1.1 M1.1 (TP) Vorwahl Betriebsart Hand WP1
 M1.2 M1.2 (TP) Vorwahl Betriebsart Automatik

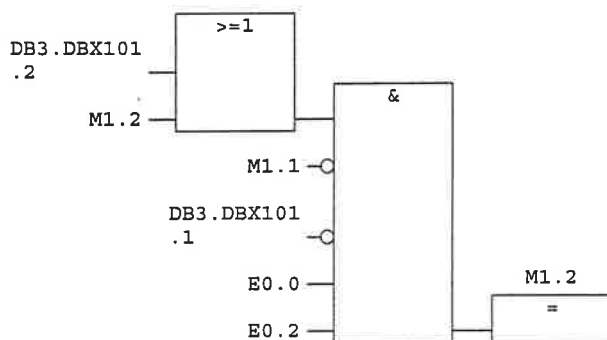
DB3.DBX101.1 "DB3".D1011 (TP) Taster Vorwahl Aus
 E0.0 =150+CP-K1 Napiecie sterujace WP1
 E0.2 =150+CP-A1 Wylacznik bezpiecznstna zalaczone WP1+WP2

Netzwerk: 4 (TP) ML Vorwahl Betriebsart Hand



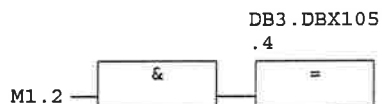
Symbolinformation
 M1.1 M1.1 (TP) Vorwahl Betriebsart Hand WP1
 DB3.DBX105.2 "DB3".D1052 (TP) ML Vorwahl Hand

Netzwerk: 5 (TP) Vorwahl Betriebsart Automatik



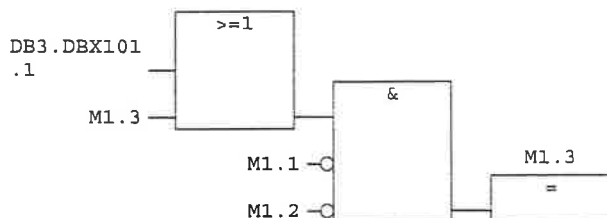
Symbolinformation
 DB3.DBX101.2 "DB3".D1012 (TP) Taster Vorwahl Automatik
 M1.2 M1.2 (TP) Vorwahl Betriebsart Automatik
 M1.1 M1.1 (TP) Vorwahl Betriebsart Hand WP1
 DB3.DBX101.1 "DB3".D1011 (TP) Taster Vorwahl Aus
 E0.0 =150+CP-K1 Napiecie sterujace WP1
 E0.2 =150+CP-A1 Wylacznik bezpiecznstna zalaczone WP1+WP2

Netzwerk: 6 (TP) ML Vorwahl Betriebsart Automatik



Symbolinformation
 M1.2 M1.2 (TP) Vorwahl Betriebsart Automatik
 DB3.DBX105.4 "DB3".D1054 (TP) ML Vorwahl Automatik

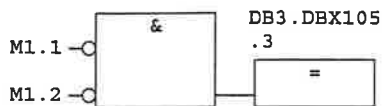
Netzwerk: 7 (TP) Vorwahl Betriebsart Aus (Hand-Aus-Automatik)



Symbolinformation
 DB3.DBX101.1 "DB3".D1011 (TP) Taster Vorwahl Aus
 M1.3 M1.3 (TP) Vorwahl Betriebsart Aus (Hand-Aus-Automatik)
 M1.1 M1.1 (TP) Vorwahl Betriebsart Hand WP1

M1.2 M1.2 (TP) Vorwahl Betriebsart Automatik

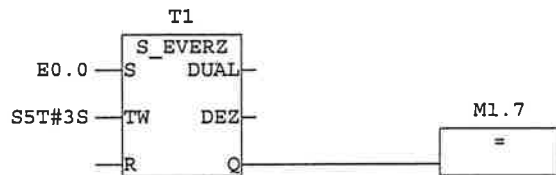
Netzwerk: 8 (TP) ML Vorwahl Betriebsart Aus (Hand-Aus-Automatik)



Symbolinformation

| | | |
|--------------|-------------|------------------------------------|
| M1.1 | M1.1 | (TP) Vorwahl Betriebsart Hand WP1 |
| M1.2 | M1.2 | (TP) Vorwahl Betriebsart Automatik |
| DB3.DBX105.3 | "DB3".D1053 | (TP) ML Vorwahl Aus |

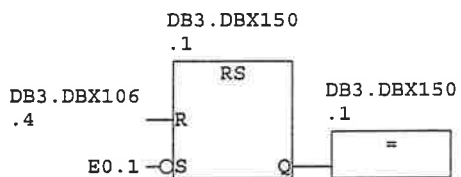
Netzwerk: 9 Freigabe Schalterabfrage Winkelpresse



Symbolinformation

| | | |
|------|------------|--------------------------|
| T1 | T1 | Freigabe Schalterabfrage |
| E0.0 | =150+CP-K1 | Napiecie sterujace WP1 |
| M1.7 | M1.7 | Freigabe Schalterabfrage |

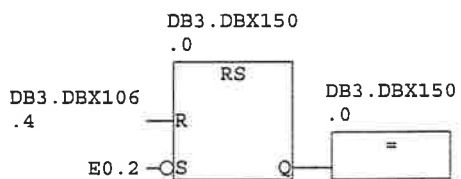
Netzwerk: 10 (TP) Meldung Automatenfall WP1



Symbolinformation

| | | |
|--------------|-------------|---|
| DB3.DBX150.1 | "DB3".D1501 | (TP) Alarm Automatenfall 230VAC , =100-F3,=100-F4,=100-F7 |
| DB3.DBX106.4 | "DB3".D1064 | (TP) Taster Quittierung Störung |
| E0.1 | =100+CP-F20 | Bezpiecznik auto. wylaczony WP1 |

Netzwerk: 11 (TP) Meldung Not-Aus Gesamtanlage betaetigt



Symbolinformation

| | | |
|--------------|-------------|---|
| DB3.DBX150.0 | "DB3".D1500 | (TP) Alarm Not-Aus betätigt , =100-A1 |
| DB3.DBX106.4 | "DB3".D1064 | (TP) Taster Quittierung Störung |
| E0.2 | =150+CP-A1 | Wylacznik bezpieczzenstna zalaczone WP1+WP2 |

FC5 - <offline>

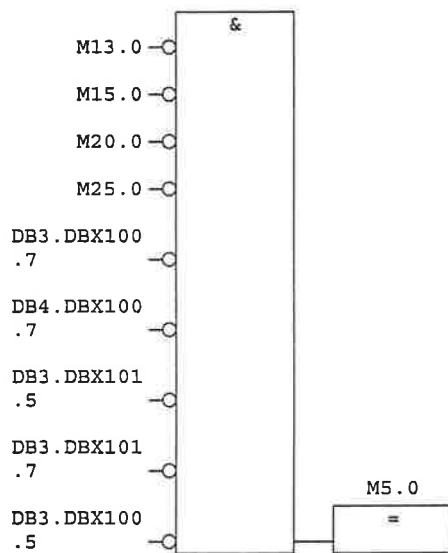
""

Name: Familie:
 Autor: Version: 0.0
 Bausteinversion: 2
 Zeitstempel Code: 07.05.01 11:50:48
 Interface: 07.01.99 16:42:23
 Längen (Baustein / Code / Daten): 00314 00200 00000

| Adresse | Deklaration | Name | Typ | Anfangswert | Kommentar |
|---------|-------------|------|-----|-------------|-----------|
| | in | | | | |
| | out | | | | |
| | in_out | | | | |
| | temp | | | | |

Baustein: FC5 Gruppenstart Winkelpresse

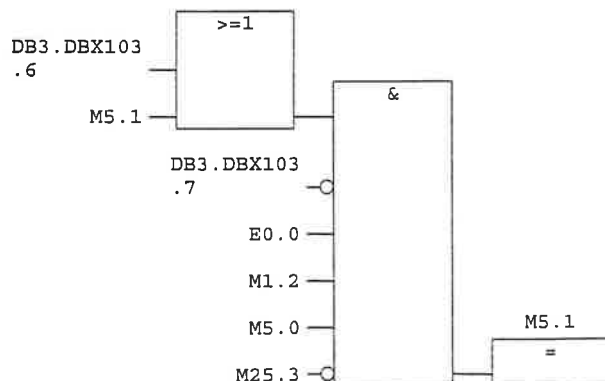
Netzwerk: 1 Freigabe Gruppenstart Winkelpresse



Symbolinformation

| | | |
|--------------|-------------|---|
| M13.0 | M13.0 | Störung bauseitige Förderschnecken WP1+WP2 |
| M15.0 | M15.0 | Störung Hydraulik Winkelpresse 1 |
| M20.0 | M20.0 | Störung Antrieb Winkelpresse 1 |
| M25.0 | M25.0 | Störung Siebreinigungspumpe WP |
| DB3.DBX100.7 | "DB3".D1007 | (TP) Taster bauseitige Förderschnecken Stop |
| DB4.DBX100.7 | "DB4".D1007 | (TP) Taster bauseitige Förderschnecken Stop |
| DB3.DBX101.5 | "DB3".D1015 | (TP) Taster Hydraulik WP Stop |
| DB3.DBX101.7 | "DB3".D1017 | (TP) Taster Antrieb WP Stop |
| DB3.DBX100.5 | "DB3".D1005 | (TP) Taster Siebreinigungspumpe Stop |
| M5.0 | M5.0 | Freigabe Gruppenstart Winkelpresse |

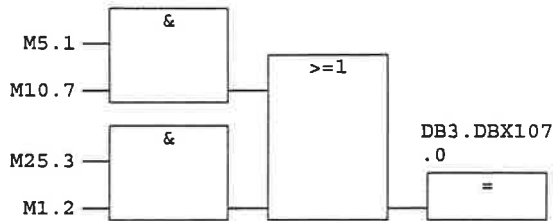
Netzwerk: 2 (TP) Gruppenstart Winkelpresse



Symbolinformation

| | | |
|--------------|-------------|---|
| DB3.DBX103.6 | "DB3".D1036 | (TP) Taster Gruppenstart WP |
| M5.1 | M5.1 | Gruppenstart WP1 |
| DB3.DBX103.7 | "DB3".D1037 | (TP) Taster Gruppenstop WP |
| E0.0 | =150+CP-K1 | Napiecie sterujace WP1 |
| M1.2 | M1.2 | (TP) Vorwahl Betriebsart Automatik |
| M5.0 | M5.0 | Freigabe Gruppenstart Winkelpresse |
| M25.3 | M25.3 | Siebreinigungspumpe Winkelpresse in Betrieb |

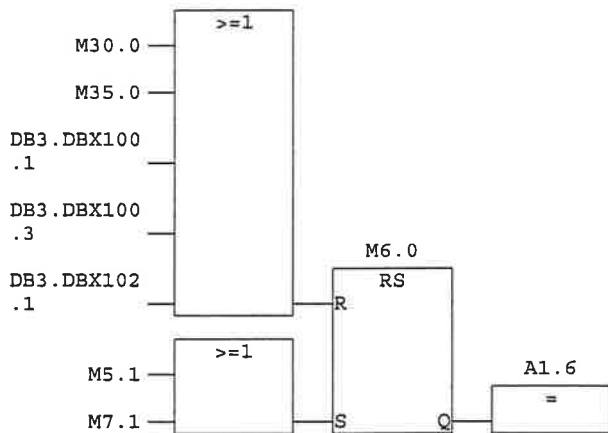
Netzwerk: 3 (TP) ML Gruppenstart Winkelpresse



Symbolinformation

| | | |
|--------------|-------------|---|
| M5.1 | M5.1 | Gruppenstart WP1 |
| M10.7 | M10.7 | langsamer Blinktakt |
| M25.3 | M25.3 | Siebreinigungspumpe Winkelpresse in Betrieb |
| M1.2 | M1.2 | (TP) Vorwahl Betriebsart Automatik |
| DB3.DBX107.0 | "DB3".D1070 | (TP) ML Gruppenstart WP |

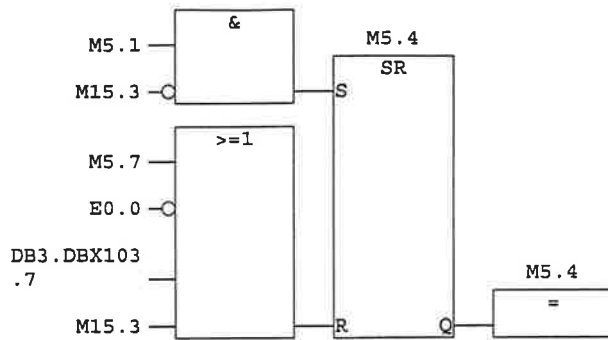
Netzwerk: 4 Nachlauf Winkelpresse zur Siebreinigung



Symbolinformation

| | | |
|--------------|-------------|---|
| M30.0 | M30.0 | Störung FM-Dosierpumpe Winkelpresse 1 |
| M35.0 | M35.0 | Störung Schlammpumpe Winkelpresse 1 |
| DB3.DBX100.1 | "DB3".D1001 | (TP) Taster Dosierpumpe Stop |
| DB3.DBX100.3 | "DB3".D1003 | (TP) Taster Schlammpumpe Stop |
| DB3.DBX102.1 | "DB3".D1021 | (TP) Taster Gruppenstop Schlammzufuhr |
| M5.1 | M5.1 | Gruppenstart WP1 |
| M7.1 | M7.1 | Gruppenstart Schlammzufuhr Winkelpresse |
| M6.0 | M6.0 | Nachlauf Winkelpresse zur Siebreinigung |
| A1.6 | =350+CP-K2 | Czas do czyszczenia sit WP1 |

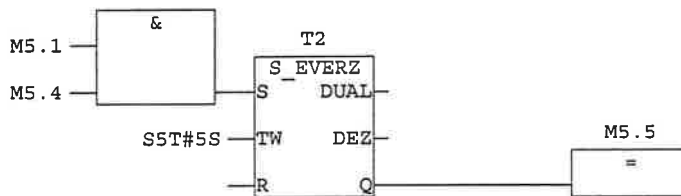
Netzwerk: 5 Anfahrwarnung Winkelpresse



Symbolinformation

| | | |
|--------------|-------------|-------------------------------------|
| M5.1 | M5.1 | Gruppenstart WP1 |
| M15.3 | M15.3 | Hydraulik Winkelpresse 1 in Betrieb |
| M5.7 | M5.7 | Anfahrwarnung Pausendauer WP1 |
| E0.0 | =150+CP-K1 | Napiecie sterujace WP1 |
| DB3.DBX103.7 | "DB3".D1037 | (TP) Taster Gruppenstop WP |
| M5.4 | M5.4 | Anfahrwarnung Winkelpresse |

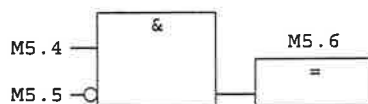
Netzwerk: 6 Zeitdauer Anfahrwarnung (Hupe)



Symbolinformation

| | | |
|------|------|--------------------------------|
| M5.1 | M5.1 | Gruppenstart WP1 |
| M5.4 | M5.4 | Anfahrwarnung Winkelpresse |
| T2 | T2 | Zeitdauer Anfahrwarnung (Hupe) |
| M5.5 | M5.5 | Zeitdauer Anfahrwarnung |

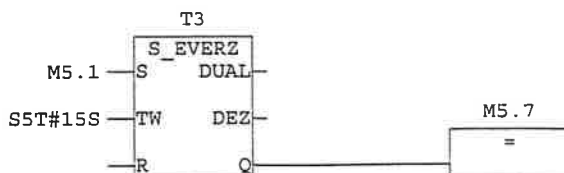
Netzwerk: 7 Hupe als Anfahrwarnung



Symbolinformation

| | | |
|------|------|----------------------------|
| M5.4 | M5.4 | Anfahrwarnung Winkelpresse |
| M5.5 | M5.5 | Zeitdauer Anfahrwarnung |
| M5.6 | M5.6 | Hupe als Anfahrwarnung |

Netzwerk: 8 Anfahrwarnung Pausendauer



Symbolinformation

| | | |
|------|------|---------------------------|
| T3 | T3 | Anfahrwarnung Pausendauer |
| M5.1 | M5.1 | Gruppenstart WP1 |

M5.7 M5.7 Anfahrwarnung Pausendauer WP1

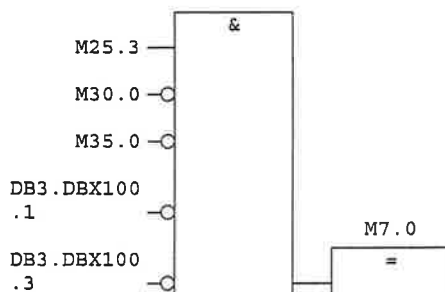
FC7 - <offline>

Name: Familie:
 Autor: Version: 0.0
 Bausteinversion: 2
 Zeitstempel Code: 07.05.01 11:52:56
 Interface: 07.01.99 17:24:11
 Längen (Baustein / Code / Daten): 00176 00066 00000

| Adresse | Deklaration | Name | Typ | Anfangswert | Kommentar |
|---------|-------------|------|-----|-------------|-----------|
| | in | | | | |
| | out | | | | |
| | in_out | | | | |
| | temp | | | | |

Baustein: FC7 Gruppenstart Schlammzufuhr Winkelpresse

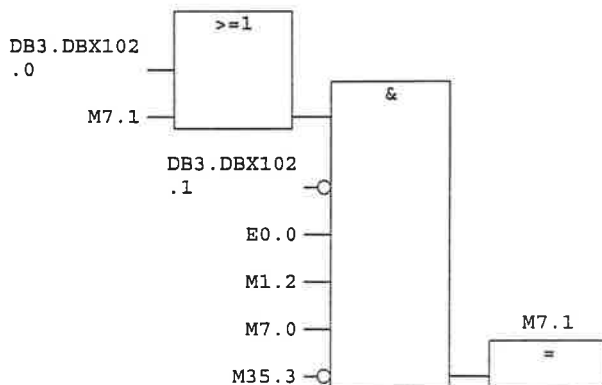
Netzwerk: 1 Freigabe Gruppenstart Schlammzufuhr Winkelpresse



Symbolinformation

| | | |
|--------------|-------------|--|
| M25.3 | M25.3 | Siebreinigungspumpe Winkelpresse in Betrieb |
| M30.0 | M30.0 | Störung FM-Dosierpumpe Winkelpresse 1 |
| M35.0 | M35.0 | Störung Schlammpumpe Winkelpresse 1 |
| DB3.DBX100.1 | "DB3".D1001 | (TP) Taster Dosierpumpe Stop |
| DB3.DBX100.3 | "DB3".D1003 | (TP) Taster Schlammpumpe Stop |
| M7.0 | M7.0 | Freigabe Gruppenstart Schlammzufuhr Winkelpresse |

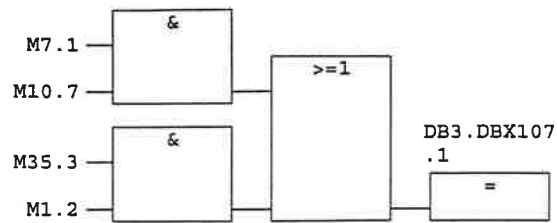
Netzwerk: 2 (TP) Gruppenstart Schlammzufuhr Winkelpresse



Symbolinformation

| | | |
|--------------|-------------|--|
| DB3.DBX102.0 | "DB3".D1020 | (TP) Taster Gruppenstart Schlammzufuhr |
| M7.1 | M7.1 | Gruppenstart Schlammzufuhr Winkelpresse |
| DB3.DBX102.1 | "DB3".D1021 | (TP) Taster Gruppenstop Schlammzufuhr |
| E0.0 | =150+CP-K1 | Napiecie sterujace WP1 |
| M1.2 | M1.2 | (TP) Vorwahl Betriebsart Automatik |
| M7.0 | M7.0 | Freigabe Gruppenstart Schlammzufuhr Winkelpresse |
| M35.3 | M35.3 | Schlammpumpe Winkelpresse 1 in Betrieb |

Netzwerk: 3 (TP) ML Gruppenstart Schlammzufuhr Winkelpresse



Symbolinformation

| | | |
|--------------|-------------|---|
| M7.1 | M7.1 | Gruppenstart Schlammzufuhr Winkelpresse |
| M10.7 | M10.7 | langsamer Blinktakt |
| M35.3 | M35.3 | Schlammpumpe Winkelpresse 1 in Betrieb |
| M1.2 | M1.2 | (TP) Vorwahl Betriebsart Automatik |
| DB3.DBX107.1 | "DB3".D1071 | (TP) ML Gruppenstart Schlammzufuhr WP |

FC11 - <offline>

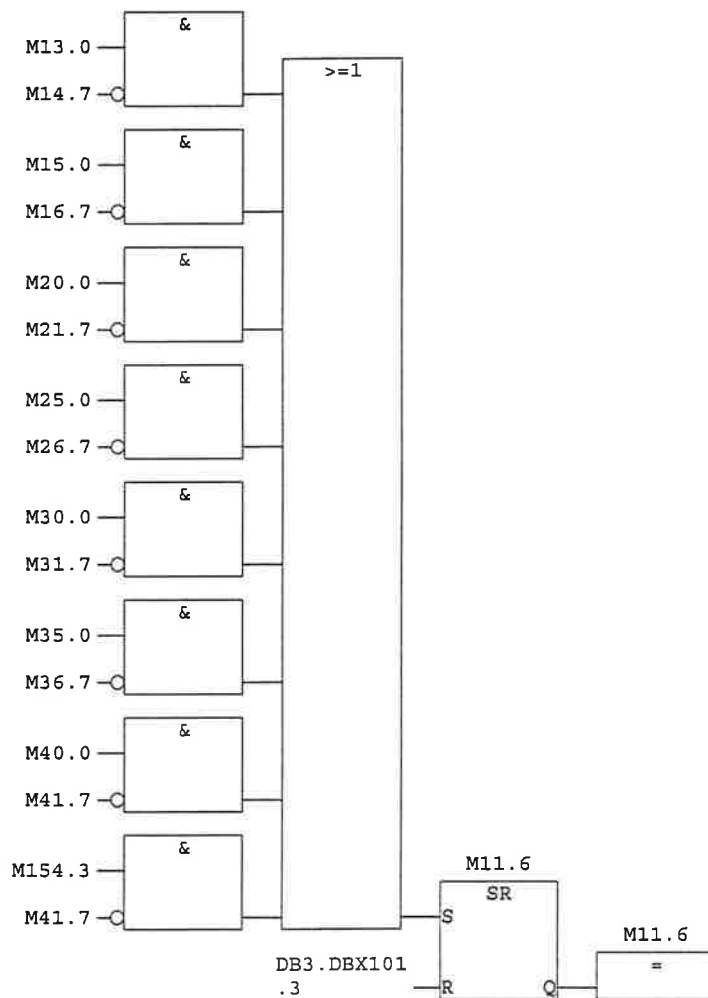
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Name: Familie:
 Autor: Version: 0.0
 Bausteinversion: 2
 Zeitstempel Code: 19.07.01 16:57:53
 Interface: 07.01.99 17:38:59
 Längen (Baustein / Code / Daten): 00250 00136 00000

| Adresse | Deklaration | Name | Typ | Anfangswert | Kommentar |
|---------|-------------|------|-----|-------------|-----------|
| | in | | | | |
| | out | | | | |
| | in_out | | | | |
| | temp | | | | |

Baustein: FC11 Sammelstoermeldung

Netzwerk: 1 Sammelstoermeldung (Hupe bei Stoerung)

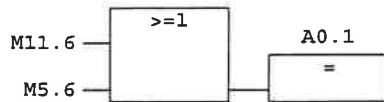


Symbolinformation

| | | |
|-------|-------|--|
| M13.0 | M13.0 | Störung bauseitige Förderschnecken WP1+WP2 |
| M14.7 | M14.7 | Störung bauseitige Förderschnecken |
| M15.0 | M15.0 | Störung Hydraulik Winkelpresse 1 |
| M16.7 | M16.7 | Störung Hydraulik Winkelpresse 1 |
| M20.0 | M20.0 | Störung Antrieb Winkelpresse 1 |
| M21.7 | M21.7 | Störung Antrieb Winkelpresse 1 |
| M25.0 | M25.0 | Störung Siebreinigungspumpe WP |
| M26.7 | M26.7 | Störung Siebreinigungspumpe Winkelpresse |
| M30.0 | M30.0 | Störung FM-Dosierpumpe Winkelpresse 1 |
| M31.7 | M31.7 | Störung FM-Dosierpumpe Winkelpresse 1 |
| M35.0 | M35.0 | Störung Schlammpumpe Winkelpresse 1 |
| M36.7 | M36.7 | Störung Schlammpumpe Winkelpresse 1 |
| M40.0 | M40.0 | Störung FM-Aufbereitung WP1+WP2 |

| | | |
|--------------|-------------|---|
| M41.7 | M41.7 | Störung FM-Aufbereitung WP1+WP2 |
| M154.3 | M154.3 | (TP) Meldung und Überwachung Wassermangel FM-Aufbereitung WP1 + WP2 |
| M11.6 | M11.6 | Sammelstörmeldung (Hupe bei Störung) |
| DB3.DBX101.3 | "DB3".D1013 | (TP) Taster Hupe Aus |

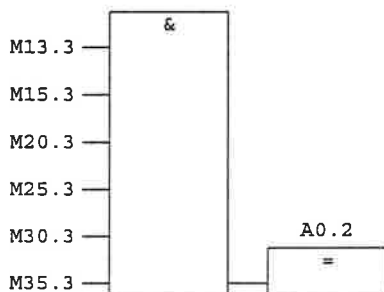
Netzwerk: 2 Hupe als Anfahrwarnung und bei Stoerung



Symbolinformation

| | | |
|-------|------------|--|
| M11.6 | M11.6 | Sammelstörmeldung (Hupe bei Störung) |
| M5.6 | M5.6 | Hupe als Anfahrwarnung |
| A0.1 | =150+CP-K2 | Syrena niz ostrzezenie dotyczace rozuchu |

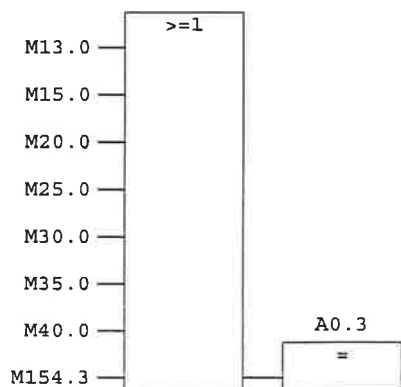
Netzwerk: 3 Gesamtanlage Schlammmentwässerung in Betrieb Meldung -> extern



Symbolinformation

| | | |
|-------|------------|---|
| M13.3 | M13.3 | bauseitige Förderschnecken WP1+WP2 in Betrieb |
| M15.3 | M15.3 | Hydraulik Winkelpresse 1 in Betrieb |
| M20.3 | M20.3 | Antrieb Winkelpresse 1 in Betrieb |
| M25.3 | M25.3 | Siebreinigungspumpe Winkelpresse in Betrieb |
| M30.3 | M30.3 | FM-Dosierpumpe Winkelpresse 1 in Betrieb |
| M35.3 | M35.3 | Schlammpumpe Winkelpresse 1 in Betrieb |
| A0.2 | =150+CP-K3 | Praca WP1 instalacji |

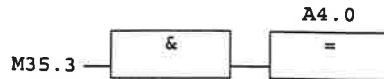
Netzwerk: 4 Sammelstörmeldung Schlammmentwässerung Meldung -> extern



Symbolinformation

| | | |
|--------|------------|---|
| M13.0 | M13.0 | Störung bauseitige Förderschnecken WP1+WP2 |
| M15.0 | M15.0 | Störung Hydraulik Winkelpresse 1 |
| M20.0 | M20.0 | Störung Antrieb Winkelpresse 1 |
| M25.0 | M25.0 | Störung Siebreinigungspumpe WP |
| M30.0 | M30.0 | Störung FM-Dosierpumpe Winkelpresse 1 |
| M35.0 | M35.0 | Störung Schlammpumpe Winkelpresse 1 |
| M40.0 | M40.0 | Störung FM-Aufbereitung WP1+WP2 |
| M154.3 | M154.3 | (TP) Meldung und Überwachung Wassermangel FM-Aufbereitung WP1 + WP2 |
| A0.3 | =150+CP-K4 | Zbiorczy sygnal awarii WP1 |

Netzwerk: 5

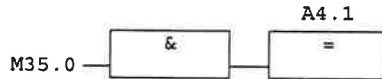


Symbolinformation

M35.3 M35.3

Schlammpumpe Winkelpresse 1 in Betrieb

Netzwerk: 6

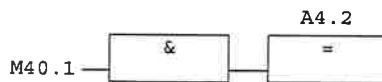


Symbolinformation

M35.0 M35.0

Störung Schlammpumpe Winkelpresse 1

Netzwerk: 7

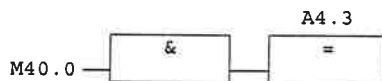


Symbolinformation

M40.1 M40.1

FM-Aufbereitung WP1+WP2 Ein

Netzwerk: 8

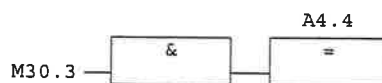


Symbolinformation

M40.0 M40.0

Störung FM-Aufbereitung WP1+WP2

Netzwerk: 9

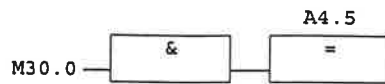


Symbolinformation

M30.3 M30.3

FM-Dosierpumpe Winkelpresse 1 in Betrieb

Netzwerk: 10

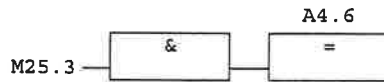


Symbolinformation

M30.0 M30.0

Störung FM-Dosierpumpe Winkelpresse 1

Netzwerk: 11

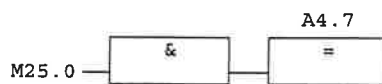


Symbolinformation

M25.3 M25.3

Siebreinigungspumpe Winkelpresse in Betrieb

Netzwerk: 12



Symbolinformation

M25.0 M25.0

Störung Siebreinigungspumpe WP

FC13 - <offline>

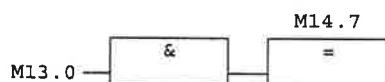
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Name: Familie:
 Autor: Version: 0.0
 Bausteinversion: 2
 Zeitstempel Code: 19.07.01 16:40:03
 Interface: 08.01.99 07:18:00
 Längen (Baustein / Code / Daten): 00404 00236 00000

| Adresse | Deklaration | Name | Typ | Anfangswert | Kommentar |
|---------|-------------|------|-----|-------------|-----------|
| | in | | | | |
| | out | | | | |
| | in_out | | | | |
| | temp | | | | |

Baustein: FC13 bauseitige Förderschnecken WP1+WP2

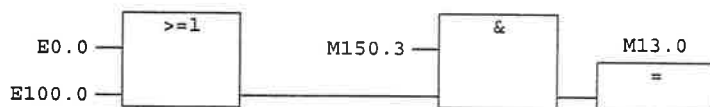
Netzwerk: 1 Flanke bei Stoerung



Symbolinformation

M13.0 M13.0 Störung bauseitige Förderschnecken WP1+WP2
 M14.7 M14.7 Störung bauseitige Förderschnecken

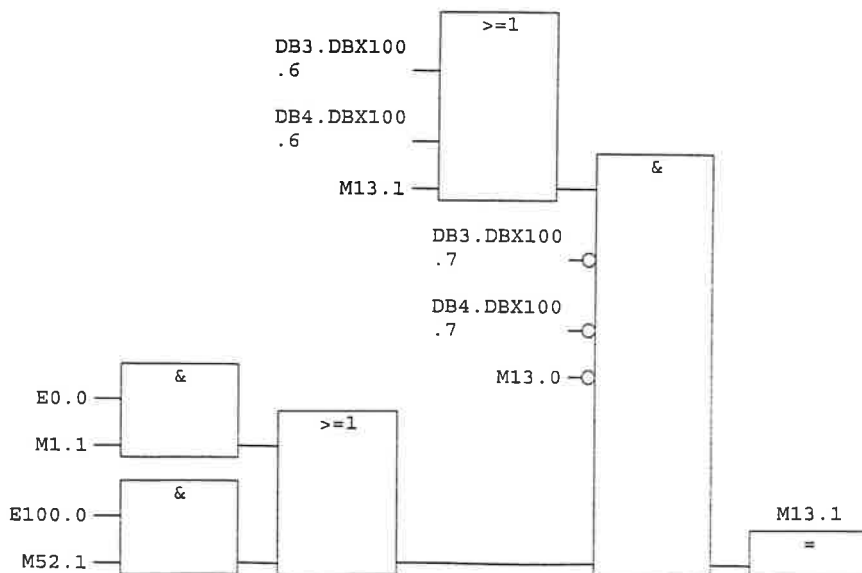
Netzwerk: 2 Stoerung bauseitige Förderschnecken WP1+WP2



Symbolinformation

E0.0 =150+CP-K1 Napiecie sterujace WP1
 E100.0 =2150+CP-K1 Napiecie sterujace WP2
 M150.3 M150.3 Störung bauseitige Förderschnecken WP1+WP2
 M13.0 M13.0 Störung bauseitige Förderschnecken WP1+WP2

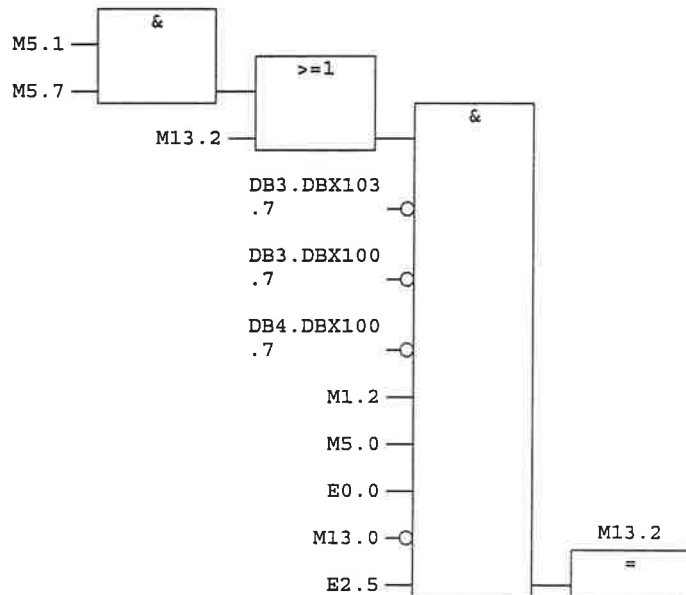
Netzwerk: 3 bauseitige Förderschnecken WP1+WP2 Hand



Symbolinformation

| | | |
|--------------|-------------|--|
| DB3.DBX100.6 | "DB3".D1006 | (TP) Taster bauseitige Förderschnecken Start |
| DB4.DBX100.6 | "DB4".D1006 | (TP) Taster bauseitige Förderschnecken Start |
| M13.1 | M13.1 | Förderschnecken M5.3-M5.5 Hand |
| E0.0 | =150+CP-K1 | Napiecie sterujace WP1 |
| M1.1 | M1.1 | (TP) Vorwahl Betriebsart Hand WP1 |
| E100.0 | =2150+CP-K1 | Napiecie sterujace WP2 |
| M52.1 | M52.1 | (TP) Vorwahl Betriebsart Hand WP2 |
| DB3.DBX100.7 | "DB3".D1007 | (TP) Taster bauseitige Förderschnecken Stop |
| DB4.DBX100.7 | "DB4".D1007 | (TP) Taster bauseitige Förderschnecken Stop |
| M13.0 | M13.0 | Störung bauseitige Förderschnecken WP1+WP2 |

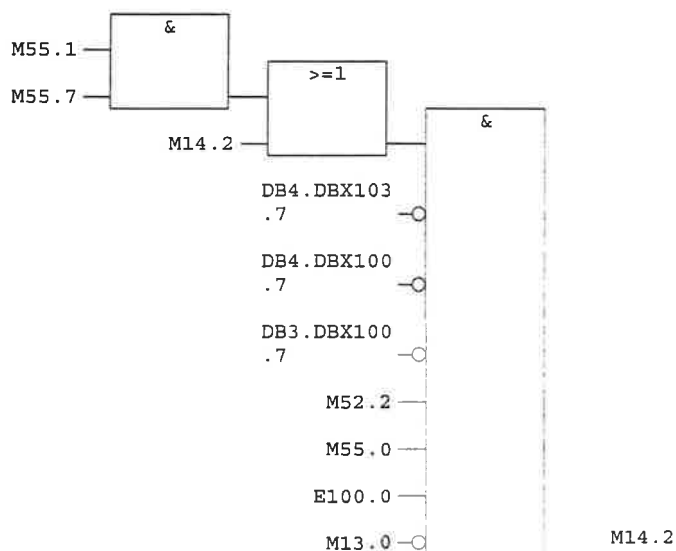
Netzwerk: 4 bauseitige Förderschnecken WP1+WP2 Automatik von (TP) WP1



Symbolinformation

| | | |
|--------------|-------------|--|
| M5.1 | M5.1 | Gruppenstart WP1 |
| M5.7 | M5.7 | Anfahrwarnung Pausendauer WP1 |
| M13.2 | M13.2 | bauseitige Förderschnecken WP1+WP2 Automatik |
| DB3.DBX103.7 | "DB3".D1037 | (TP) Taster Gruppenstop WP |
| DB3.DBX100.7 | "DB3".D1007 | (TP) Taster bauseitige Förderschnecken Stop |
| DB4.DBX100.7 | "DB4".D1007 | (TP) Taster bauseitige Förderschnecken Stop |
| M1.2 | M1.2 | (TP) Vorwahl Betriebsart Automatik |
| M5.0 | M5.0 | Freigabe Gruppenstart Winkelpresse |
| E0.0 | =150+CP-K1 | Napiecie sterujace WP1 |
| M13.0 | M13.0 | Störung bauseitige Förderschnecken WP1+WP2 |
| E2.5 | =350+CP-K1T | Czas do czyszczenia sit WP1 |

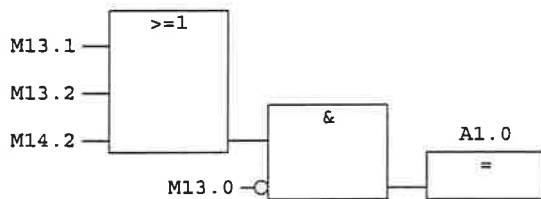
Netzwerk: 5 bauseitige Förderschnecken WP1+WP2 Automatik von (TP) WP2



**Symbolinformation**

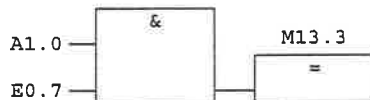
| | | |
|--------------|--------------|--|
| M55.1 | M55.1 | Gruppenstart Winkelpresse 2 |
| M55.7 | M55.7 | Anfahrwarnung Pausendauer WP2 |
| M14.2 | M14.2 | bauseitige Förderschnecken WP1+WP2 Automatik |
| DB4.DBX103.7 | "DB4".D1037 | (TP) Taster Gruppenstop WP |
| DB4.DBX100.7 | "DB4".D1007 | (TP) Taster bauseitige Förderschnecken Stop |
| DB3.DBX100.7 | "DB3".D1007 | (TP) Taster bauseitige Förderschnecken Stop |
| M52.2 | M52.2 | (TP) Vorwahl Betriebsart Automatik WP2 |
| M55.0 | M55.0 | Freigabe Gruppenstart Winkelpresse 2 |
| E100.0 | =2150+CP-K1 | Napiecie sterujace WP2 |
| M13.0 | M13.0 | Störung bauseitige Förderschnecken WP1+WP2 |
| E102.5 | =2350+CP-K1T | Czas do czyszczenia sit WP2 |

Netzwerk: 6 Freigabe zum einschalten der bauseitigen Förderschnecken WP1+WP2

**Symbolinformation**

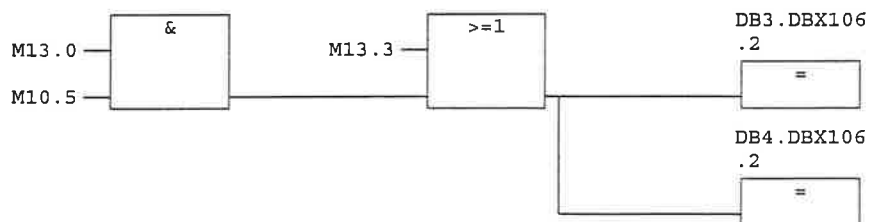
| | | |
|-------|------------|--|
| M13.1 | M13.1 | Förderschnecken M5.3-M5.5 Hand |
| M13.2 | M13.2 | bauseitige Förderschnecken WP1+WP2 Automatik |
| M14.2 | M14.2 | bauseitige Förderschnecken WP1+WP2 Automatik |
| M13.0 | M13.0 | Störung bauseitige Förderschnecken WP1+WP2 |
| A1.0 | =200+CP-K1 | Przenosnik WP1 + WP2 włączony/wylączony |

Netzwerk: 7 bauseitige Förderschnecken WP1+WP2 in Betrieb

**Symbolinformation**

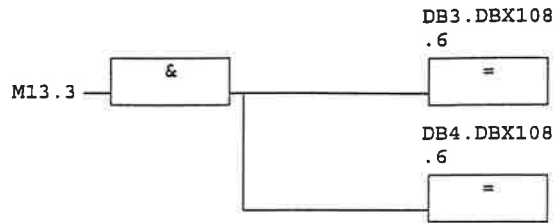
| | | |
|-------|--------------|---|
| A1.0 | =200+CP-K1 | Przenosnik WP1 + WP2 włączony/wylączony |
| E0.7 | =200+CP-POT2 | Przenosnik WP1+WP2 praca |
| M13.3 | M13.3 | bauseitige Förderschnecken WP1+WP2 in Betrieb |

Netzwerk: 8 (TP) ML bauseitige Förderschnecken WP1+WP2

**Symbolinformation**

| | | |
|--------------|-------------|---|
| M13.0 | M13.0 | Störung bauseitige Förderschnecken WP1+WP2 |
| M13.3 | M13.3 | bauseitige Förderschnecken WP1+WP2 in Betrieb |
| DB3.DBX106.2 | "DB3".D1062 | (TP) ML bauseitige Förderschnecken WP1+WP2 |
| DB4.DBX106.2 | "DB4".D1062 | (TP) ML bauseitige Förderschnecken WP1+WP2 |

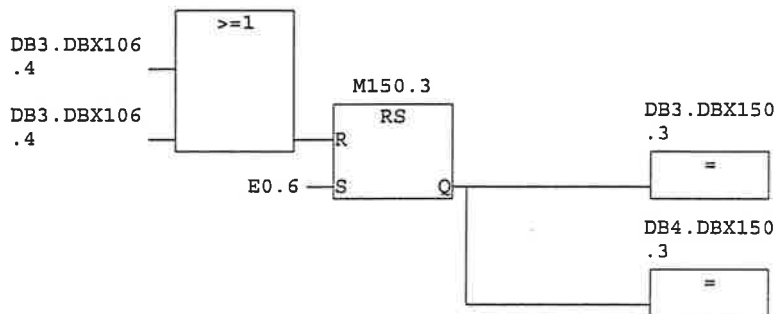
Netzwerk: 9 (TP) Meldung bauseitige Förderschnecken WP1+WP2 in Betrieb



Symbolinformation

| | | |
|--------------|-------------|--|
| M13.3 | M13.3 | bauseitige Förderschnecken WP1+WP2 in Betrieb |
| DB3.DBX108.6 | "DB3".D1086 | (TP) Meldung bauseitige Förderschnecken in Betrieb |
| DB4.DBX108.6 | "DB4".D1086 | (TP) Meldung bauseitige Förderschnecken in Betrieb |

Netzwerk: 10 Überwachung und Meldung Störung Förderschnecken WP1+WP2



Symbolinformation

| | | |
|--------------|--------------|---|
| DB3.DBX106.4 | "DB3".D1064 | (TP) Taster Quittierung Störung |
| M150.3 | M150.3 | Störung bauseitige Förderschnecken WP1+WP2 |
| E0.6 | =200+CP-POT1 | Przenosnik WP1+WP2 awaria |
| DB3.DBX150.3 | "DB3".D1503 | (TP) Alarm Störung bauseitige Förderschnecken =200-POT1 |
| DB4.DBX150.3 | "DB4".D1503 | (TP) Alarm Störung bauseitige Förderschnecken =200-POT1 |

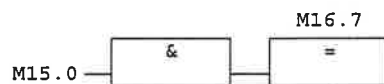
FC15 - <offline>

Name: Familie:
 Autor: Version: 0.0
 Bausteinversion: 2
 Zeitstempel Code: 07.05.01 12:53:37
 Interface: 08.01.99 07:18:00
 Längen (Baustein / Code / Daten): 00330 00162 00000

| Adresse | Deklaration | Name | Typ | Anfangswert | Kommentar |
|---------|-------------|------|-----|-------------|-----------|
| | in | | | | |
| | out | | | | |
| | in_out | | | | |
| | temp | | | | |

Baustein: FC15 Hydraulik Winkelpresse 1

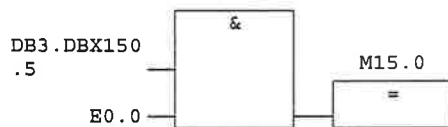
Netzwerk: 1 Flanke bei Stoerung



Symbolinformation

M15.0 M15.0 Störung Hydraulik Winkelpresse 1
 M16.7 M16.7 Störung Hydraulik Winkelpresse 1

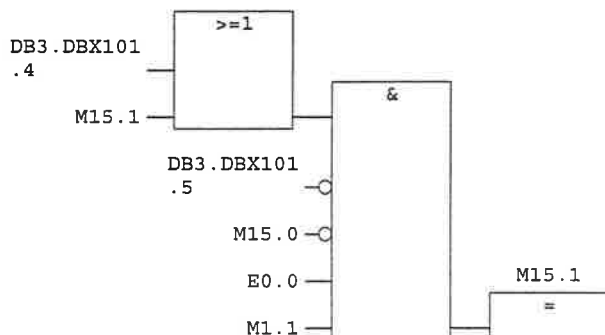
Netzwerk: 2 Stoerung Hydraulik Winkelpresse 1



Symbolinformation

DB3.DBX150.5 "DB3".D1505 (TP) Alarm Motorschutz Hydraulik Winkelpresse, =250Q1
 E0.0 =150+CP-K1 Napiecie sterujace WP1
 M15.0 M15.0 Störung Hydraulik Winkelpresse 1

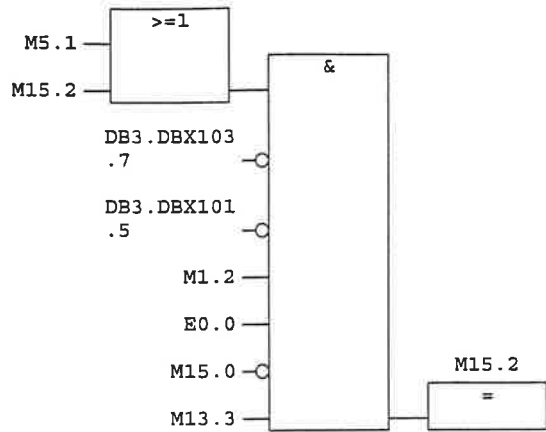
Netzwerk: 3 (TP) Hydraulik Winkelpresse 1 Hand



Symbolinformation

DB3.DBX101.4 "DB3".D1014 (TP) Taster Hydraulik WP Start
 M15.1 M15.1 Hydraulik Winkelpresse 1 Hand
 DB3.DBX101.5 "DB3".D1015 (TP) Taster Hydraulik WP Stop
 M15.0 M15.0 Störung Hydraulik Winkelpresse 1
 E0.0 =150+CP-K1 Napiecie sterujace WP1
 M1.1 M1.1 (TP) Vorwahl Betriebsart Hand WP1

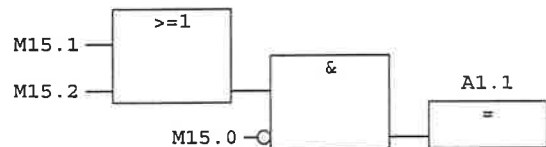
Netzwerk: 4 Hydraulik Winkelpresse 1 Automatik



Symbolinformation

| | | |
|--------------|-------------|---|
| M5.1 | M5.1 | Gruppenstart WP1 |
| M15.2 | M15.2 | Hydraulik Winkelpresse 1 Automatik |
| DB3.DBX103.7 | "DB3".D1037 | (TP) Taster Gruppenstop WP |
| DB3.DBX101.5 | "DB3".D1015 | (TP) Taster Hydraulik WP Stop |
| M1.2 | M1.2 | (TP) Vorwahl Betriebsart Automatik |
| E0.0 | =150+CP-K1 | Napiecie sterujace WP1 |
| M15.0 | M15.0 | Störung Hydraulik Winkelpresse 1 |
| M13.3 | M13.3 | bauseitige Förderschnecken WP1+WP2 in Betrieb |

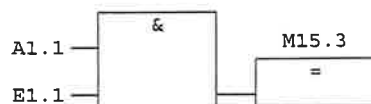
Netzwerk: 5 Hydraulik Winkelpresse 1 Ein



Symbolinformation

| | | |
|-------|-------------|-------------------------------------|
| M15.1 | M15.1 | Hydraulik Winkelpresse 1 Hand |
| M15.2 | M15.2 | Hydraulik Winkelpresse 1 Automatik |
| M15.0 | M15.0 | Störung Hydraulik Winkelpresse 1 |
| A1.1 | =250+CP-K1M | Agregat hydrauliczny WP1 start/stop |

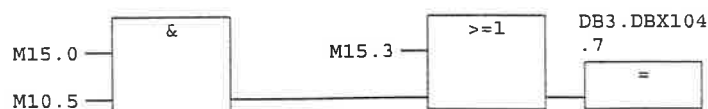
Netzwerk: 6 Hydraulik Winkelpresse 1 in Betrieb



Symbolinformation

| | | |
|-------|--------------|-------------------------------------|
| A1.1 | =250+CP-K1M | Agregat hydrauliczny WP1 start/stop |
| E1.1 | =250+CP-K1M. | Praca agregatu hydraulicznego WP1 |
| M15.3 | M15.3 | Hydraulik Winkelpresse 1 in Betrieb |

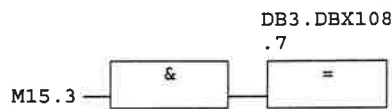
Netzwerk: 7 (TP) ML Hydraulik Winkelpresse 1



Symbolinformation

| | | |
|--------------|-------------|-------------------------------------|
| M15.0 | M15.0 | Störung Hydraulik Winkelpresse 1 |
| M15.3 | M15.3 | Hydraulik Winkelpresse 1 in Betrieb |
| DB3.DBX104.7 | "DB3".D1047 | (TP) ML Hydraulik WP |

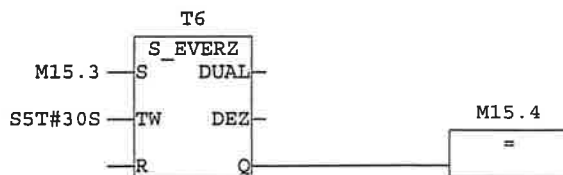
Netzwerk: 8 (TP) Meldung Hydraulik Winkelpresse 1 in Betrieb



Symbolinformation

| | | |
|--------------|-------------|--------------------------------------|
| M15.3 | M15.3 | Hydraulik Winkelpresse 1 in Betrieb |
| DB3.DBX108.7 | "DB3".D1087 | (TP) Meldung Hydraulik WP in Betrieb |

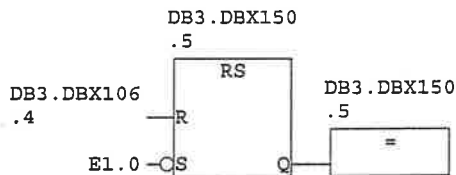
Netzwerk: 9 Zeit für Druckaufbau zum spannen der Siebe



Symbolinformation

| | | |
|-------|-------|---|
| T6 | T6 | Zeit für Druckaufbau zum spannen der Siebe |
| M15.3 | M15.3 | Hydraulik Winkelpresse 1 in Betrieb |
| M15.4 | M15.4 | Zeit für Druckaufbau zum spannen der Siebe abgelaufen |

Netzwerk: 10 Meldung und Überwachung Motorschutz Hydraulik Winkelpresse



Symbolinformation

| | | |
|--------------|-------------|---|
| DB3.DBX150.5 | "DB3".D1505 | (TP) Alarm Motorschutz Hydraulik Winkelpresse, =250Q1 |
| DB3.DBX106.4 | "DB3".D1064 | (TP) Taster Quittierung Störung |
| E1.0 | =250+CP-Q1 | Zabezpieczenie silnika agregatu hydroauli |

FC20 - <offline>

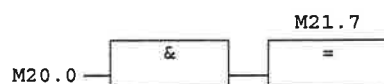
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 Autor: Version: 0.0
 Bausteinversion: 2
 Zeitstempel Code: 08.05.01 12:34:08
 Interface: 08.01.99 07:18:00
 Längen (Baustein / Code / Daten): 00626 00458 00000

| Adresse | Deklaration | Name | Typ | Anfangswert | Kommentar |
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| | out | | | | |
| | in_out | | | | |
| | temp | | | | |

Baustein: FC20 Antrieb Winkelpresse 1

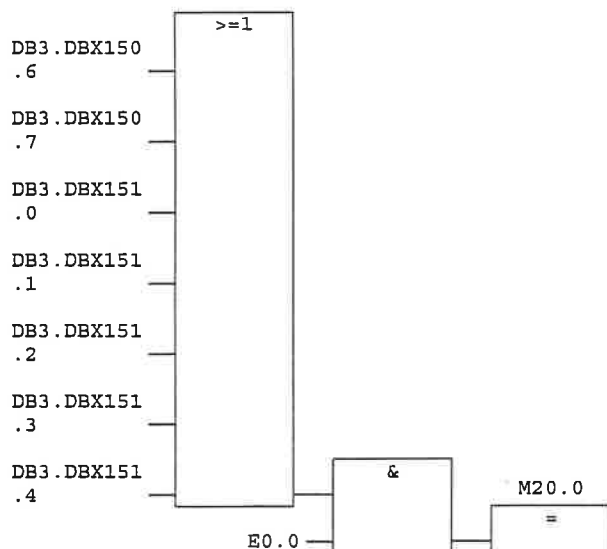
Netzwerk: 1 Flanke bei Stoerung



Symbolinformation

M20.0 M20.0 Störung Antrieb Winkelpresse 1
 M21.7 M21.7 Störung Antrieb Winkelpresse 1

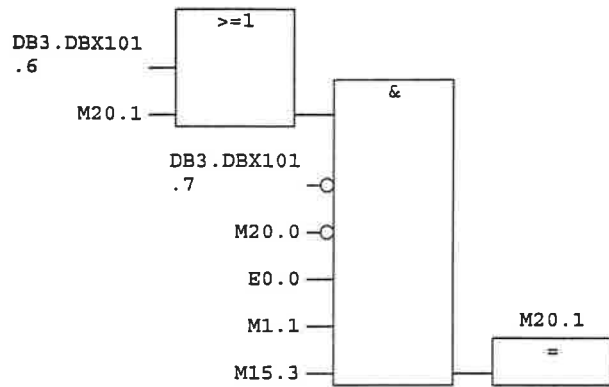
Netzwerk: 2 Stoerung Antrieb Winkelpresse 1



Symbolinformation

DB3.DBX150.6 "DB3".D1506 (TP) Alarm Motorschutz Antrieb Winkelpresse, =300Q1
 DB3.DBX150.7 "DB3".D1507 (TP) Alarm Frequenzumformer Antrieb Winkelpresse, =300-U1
 DB3.DBX151.0 "DB3".D1510 (TP) Alarm Reparaturschalter Antrieb Winkelpresse, =300+WP1-S7
 DB3.DBX151.1 "DB3".D1511 (TP) Alarm Siebverlauf Führerseite Winkelpresse, =300+WP1-S2
 DB3.DBX151.2 "DB3".D1512 (TP) Alarm Siebverlauf Triebseite Winkelpresse, =300+WP1-S3
 DB3.DBX151.3 "DB3".D1513 (TP) Alarm Siebriss Obersieb Winkelpresse, =300+WP1-S4
 DB3.DBX151.4 "DB3".D1514 (TP) Alarm Siebriss Untersieb Winkelpresse, =300+WP1-S5
 E0.0 =150+CP-K1 Napiecie sterujace WP1
 M20.0 M20.0 Störung Antrieb Winkelpresse 1

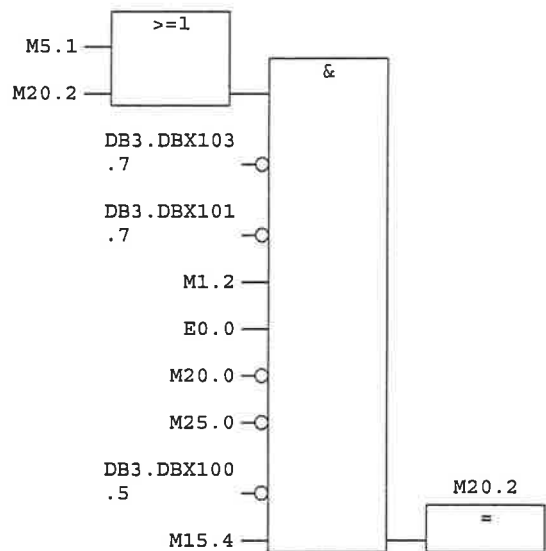
Netzwerk: 3 Antrieb Winkelpresse 1 Hand



Symbolinformation

| | | |
|--------------|-------------|-------------------------------------|
| DB3.DBX101.6 | "DB3".D1016 | (TP) Taster Antrieb WP Start |
| M20.1 | M20.1 | Antrieb Winkelpresse 1 Hand |
| DB3.DBX101.7 | "DB3".D1017 | (TP) Taster Antrieb WP Stop |
| M20.0 | M20.0 | Störung Antrieb Winkelpresse 1 |
| E0.0 | =150+CP-K1 | Napiecie sterujace WP1 |
| M1.1 | M1.1 | (TP) Vorwahl Betriebsart Hand WP1 |
| M15.3 | M15.3 | Hydraulik Winkelpresse 1 in Betrieb |

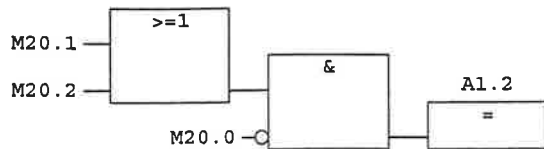
Netzwerk: 4 Antrieb Winkelpresse Automatik



Symbolinformation

| | | |
|--------------|-------------|---|
| M5.1 | M5.1 | Gruppenstart WP1 |
| M20.2 | M20.2 | Antrieb Winkelpresse 1 Automatik |
| DB3.DBX103.7 | "DB3".D1037 | (TP) Taster Gruppenstop WP |
| DB3.DBX101.7 | "DB3".D1017 | (TP) Taster Antrieb WP Stop |
| M1.2 | M1.2 | (TP) Vorwahl Betriebsart Automatik |
| E0.0 | =150+CP-K1 | Napiecie sterujace WP1 |
| M20.0 | M20.0 | Störung Antrieb Winkelpresse 1 |
| M25.0 | M25.0 | Störung Siebreinigungspumpe WP |
| DB3.DBX100.5 | "DB3".D1005 | (TP) Taster Siebreinigungspumpe Stop |
| M15.4 | M15.4 | Zeit für Druckaufbau zum spannen der Siebe abgelaufen |

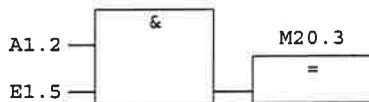
Netzwerk: 5 Antrieb Winkelpresse 1 Ein



Symbolinformation

| | | |
|-------|------------|--|
| M20.1 | M20.1 | Antrieb Winkelpresse 1 Hand |
| M20.2 | M20.2 | Antrieb Winkelpresse 1 Automatik |
| M20.0 | M20.0 | Störung Antrieb Winkelpresse 1 |
| A1.2 | =300+CP-K1 | Start/stop przetwornik czestotliwosc nap |

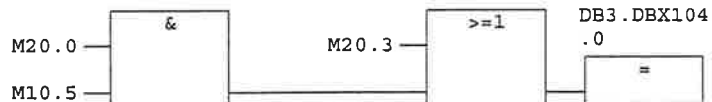
Netzwerk: 6 Antrieb Winkelpresse 1 in Betrieb



Symbolinformation

| | | |
|-------|---------------|--|
| A1.2 | =300+CP-K1 | Start/stop przetwornik czestotliwosc nap |
| E1.5 | =300+CP-U1/05 | Praca napęd WP1 |
| M20.3 | M20.3 | Antrieb Winkelpresse 1 in Betrieb |

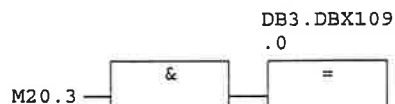
Netzwerk: 7 (TP) ML Antrieb Winkelpresse 1



Symbolinformation

| | | |
|--------------|-------------|-----------------------------------|
| M20.0 | M20.0 | Störung Antrieb Winkelpresse 1 |
| M20.3 | M20.3 | Antrieb Winkelpresse 1 in Betrieb |
| DB3.DBX104.0 | "DB3".D1040 | (TP) ML Antrieb WP |

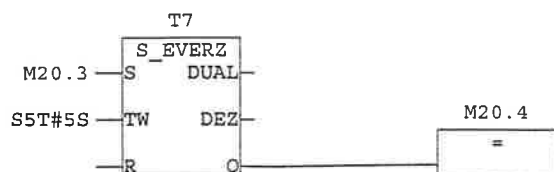
Netzwerk: 8 (TP) Meldung Antrieb Winkelpresse 1 in Betrieb



Symbolinformation

| | | |
|--------------|-------------|------------------------------------|
| M20.3 | M20.3 | Antrieb Winkelpresse 1 in Betrieb |
| DB3.DBX109.0 | "DB3".D1090 | (TP) Meldung Antrieb WP in Betrieb |

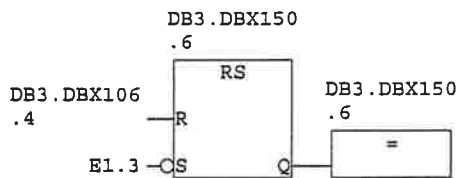
Netzwerk: 9 Anlaufüberbrückung Frequenzumformer Antrieb WP1



Symbolinformation

| | | |
|-------|-------|--|
| T7 | T7 | Anlaufüberbrückung Frequenzumformer Antrieb Winkelpresse |
| M20.3 | M20.3 | Antrieb Winkelpresse 1 in Betrieb |
| M20.4 | M20.4 | Anlaufüberbrückung Frequenzumformer Antrieb Winkelpresse 1 |

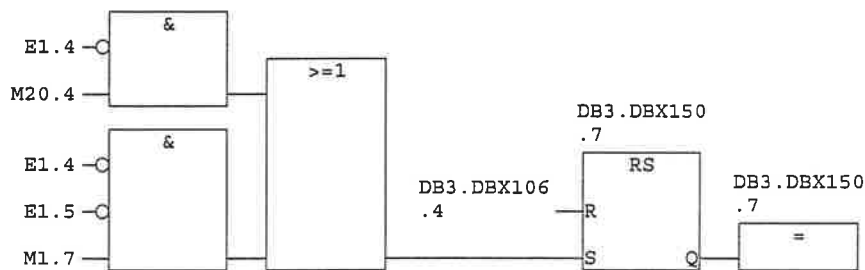
Netzwerk: 10 (TP) Meldung und Überwachung Motorschutz Antrieb Winkelpresse 1



Symbolinformation

| | | |
|--------------|-------------|---|
| DB3.DBX150.6 | "DB3".D1506 | (TP) Alarm Motorschutz Antrieb Winkelpresse, =300Q1 |
| DB3.DBX106.4 | "DB3".D1064 | (TP) Taster Quittierung Störung |
| E1.3 | =300+CP-Q1 | Zabezpieczenie silnika napędu WP1 |

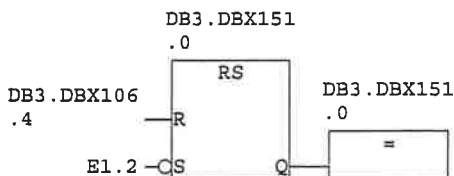
Netzwerk: 11 (TP) Meldung und Überwachung Störung FU Antrieb Winkelpresse 1



Symbolinformation

| | | |
|--------------|---------------|--|
| E1.4 | =300+CP-U1/02 | Zabezpieczenie silnika napędu WP1 |
| M20.4 | M20.4 | Anlaufüberbrückung Frequenzumformer Antrieb Winkelpresse 1 |
| E1.5 | =300+CP-U1/05 | Praca napęd WP1 |
| M1.7 | M1.7 | Freigabe Schalterabfrage |
| DB3.DBX150.7 | "DB3".D1507 | (TP) Alarm Frequenzumformer Antrieb Winkelpresse, =300-U1 |
| DB3.DBX106.4 | "DB3".D1064 | (TP) Taster Quittierung Störung |

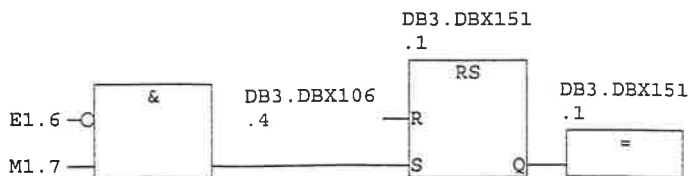
Netzwerk: 12 (TP) Meldung und Überwachung Reparaturschalter Antrieb WP1



Symbolinformation

| | | |
|--------------|-------------|--|
| DB3.DBX151.0 | "DB3".D1510 | (TP) Alarm Reparaturschalter Antrieb Winkelpresse, =300+WP1-S7 |
| DB3.DBX106.4 | "DB3".D1064 | (TP) Taster Quittierung Störung |
| E1.2 | =300+WP1-S7 | Naped WP1 |

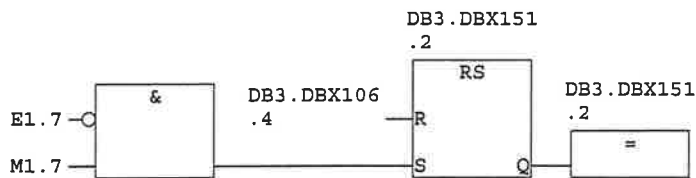
Netzwerk: 13 (TP) Meldung und Überwachung Siebverlauf Führerseite WP1



Symbolinformation

| | | |
|--------------|-------------|--|
| E1.6 | =300+WP1-S2 | Zboczenie tasmy w kummku sterowania WP1 |
| M1.7 | M1.7 | Freigabe Schalterabfrage |
| DB3.DBX151.1 | "DB3".D1511 | (TP) Alarm Siebverlauf Führerseite Winkelpresse, =300+WP1-S2 |
| DB3.DBX106.4 | "DB3".D1064 | (TP) Taster Quittierung Störung |

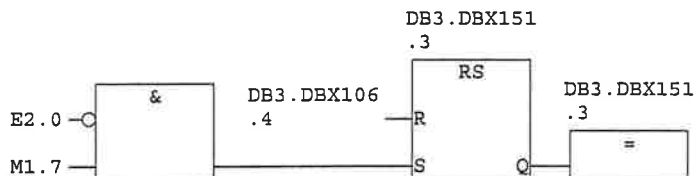
Netzwerk: 14 (TP) Meldung und Überwachung Siebverlauf Triebseite WP1



Symbolinformation

| | | |
|--------------|-------------|---|
| E1.7 | =300+WP1-S3 | Zboczenie tasmy w kummku napędu WP1 |
| M1.7 | M1.7 | Freigabe Schalterabfrage |
| DB3.DBX151.2 | "DB3".D1512 | (TP) Alarm Siebverlauf Triebseite Winkelpresse, =300+WP1-S3 |
| DB3.DBX106.4 | "DB3".D1064 | (TP) Taster Quittierung Störung |

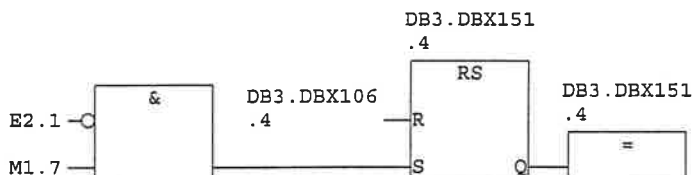
Netzwerk: 15 (TP) Meldung und Überwachung Siebriss Obersieb WP1



Symbolinformation

| | | |
|--------------|-------------|--|
| E2.0 | =300+WP1-S4 | Pekniecie tasmy gornej WP1 |
| M1.7 | M1.7 | Freigabe Schalterabfrage |
| DB3.DBX151.3 | "DB3".D1513 | (TP) Alarm Siebriss Obersieb Winkelpresse, =300+WP1-S4 |
| DB3.DBX106.4 | "DB3".D1064 | (TP) Taster Quittierung Störung |

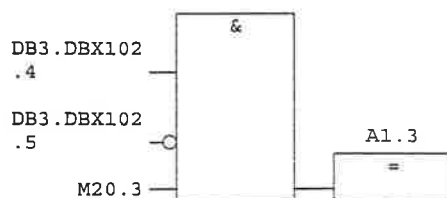
Netzwerk: 16 (TP) Meldung und Überwachung Siebriss Untersieb WP1



Symbolinformation

| | | |
|--------------|-------------|---|
| E2.1 | =300+WP1-S5 | Pekniecie tasmy dalney WP1 |
| M1.7 | M1.7 | Freigabe Schalterabfrage |
| DB3.DBX151.4 | "DB3".D1514 | (TP) Alarm Siebriss Untersieb Winkelpresse, =300+WP1-S5 |
| DB3.DBX106.4 | "DB3".D1064 | (TP) Taster Quittierung Störung |

Netzwerk: 17 (TP) Bandgeschwindigkeit Winkelpresse 1 erhöhen

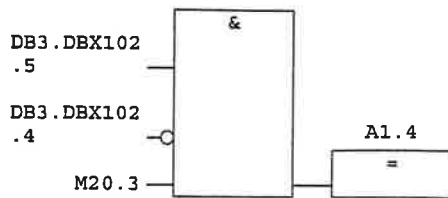


Symbolinformation

| | | |
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| DB3.DBX102.4 | "DB3".D1024 | (TP) Taster Bandgeschwindigkeit schneller |
| DB3.DBX102.5 | "DB3".D1025 | (TP) Taster Bandgeschwindigkeit langsamer |

M20.3 M20.3 Antrieb Winkelpresse 1 in Betrieb
A1.3 =300+CP-K2 Napęd WP1 szybciej

Netzwerk: 18 (TP) Bandgeschwindigkeit Winkelpresse 1 erniedrigen



Symbolinformation

| | | |
|--------------|-------------|---|
| DB3.DBX102.5 | "DB3".D1025 | (TP) Taster Bandgeschwindigkeit langsamer |
| DB3.DBX102.4 | "DB3".D1024 | (TP) Taster Bandgeschwindigkeit schneller |
| M20.3 | M20.3 | Antrieb Winkelpresse 1 in Betrieb |
| A1.4 | =300+CP-K3 | Napęd WP1 wolniej |

FC25 - <offline>

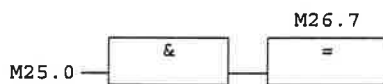
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 Interface: 08.01.99 07:18:00
 Längen (Baustein / Code / Daten): 00374 00206 00000

| Adresse | Deklaration | Name | Typ | Anfangswert | Kommentar |
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| | out | | | | |
| | in_out | | | | |
| | temp | | | | |

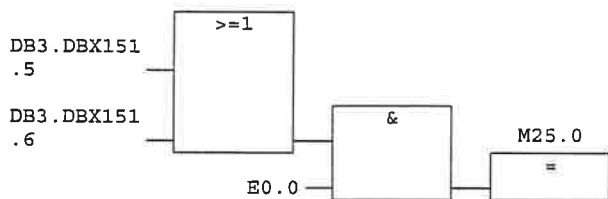
Baustein: FC25 Siebreinigungspumpe Winkelpresse 1

Netzwerk: 1 Flanke bei Stoerung

**Symbolinformation**

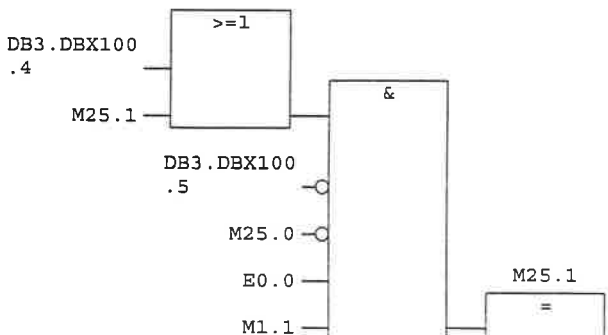
M25.0 M25.0 Störung Siebreinigungspumpe WP
 M26.7 M26.7 Störung Siebreinigungspumpe Winkelpresse

Netzwerk: 2 Stoerung Siebreinigungspumpe Winkelpresse 1

**Symbolinformation**

DB3.DBX151.5 "DB3".D1515 (TP) Alarm Motorschutz Siebreinigungspumpe =350-Q1
 DB3.DBX151.6 "DB3".D1516 (TP) Alarm zu wenig Druck Siebreinigungswasser Winkelpresse =350+LD-S3
 E0.0 =150+CP-K1 Napiecie sterujace WP1
 M25.0 M25.0 Störung Siebreinigungspumpe WP

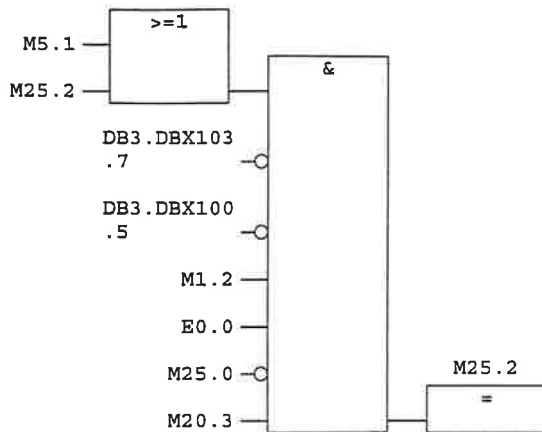
Netzwerk: 3 Siebreinigungspumpe Winkelpresse 1 Hand

**Symbolinformation**

DB3.DBX100.4 "DB3".D1004 (TP) Taster Siebreinigungspumpe Start
 M25.1 M25.1 Siebreinigungspumpe Winkelpresse 1 Hand
 DB3.DBX100.5 "DB3".D1005 (TP) Taster Siebreinigungspumpe Stop
 M25.0 M25.0 Störung Siebreinigungspumpe WP

E0.0 =150+CP-K1 Napiecie sterujace WP1
M1.1 M1.1 (TP) Vorwahl Betriebsart Hand WP1

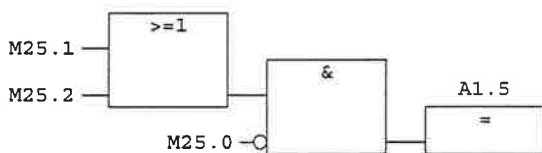
Netzwerk: 4 Siebreinigungspumpe Winkelpresse 1 Automatik



Symbolinformation

| | | |
|--------------|-------------|--|
| M5.1 | M5.1 | Gruppenstart WP1 |
| M25.2 | M25.2 | Siebreinigungspumpe Winkelpresse 1 Automatik |
| DB3.DBX103.7 | "DB3".D1037 | (TP) Taster Gruppenstop WP |
| DB3.DBX100.5 | "DB3".D1005 | (TP) Taster Siebreinigungspumpe Stop |
| M1.2 | M1.2 | (TP) Vorwahl Betriebsart Automatik |
| E0.0 | =150+CP-K1 | Napiecie sterujace WP1 |
| M25.0 | M25.0 | Störung Siebreinigungspumpe WP |
| M20.3 | M20.3 | Antrieb Winkelpresse 1 in Betrieb |

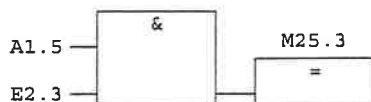
Netzwerk: 5 Siebreinigungspumpe Winkelpresse 1



Symbolinformation

| | | |
|-------|------------|--|
| M25.1 | M25.1 | Siebreinigungspumpe Winkelpresse 1 Hand |
| M25.2 | M25.2 | Siebreinigungspumpe Winkelpresse 1 Automatik |
| M25.0 | M25.0 | Störung Siebreinigungspumpe WP |
| A1.5 | =350+CP-K1 | Pompa do czyszczenia sit WP1 |

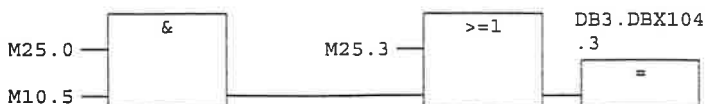
Netzwerk: 6 Siebreinigungspumpe Winkelpresse 1



Symbolinformation

| | | |
|-------|-------------|---|
| A1.5 | =350+CP-K1 | Pompa do czyszczenia sit WP1 |
| E2.3 | =350+CP-K1M | Pompa do czyszczenia sit WP1 pracuje |
| M25.3 | M25.3 | Siebreinigungspumpe Winkelpresse in Betrieb |

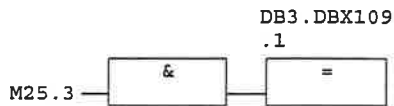
Netzwerk: 7 (TP) ML Siebreinigungspumpe Winkelpresse 1



Symbolinformation

| | | |
|--------------|-------------|---|
| M25.0 | M25.0 | Störung Siebreinigungspumpe WP |
| M25.3 | M25.3 | Siebreinigungspumpe Winkelpresse in Betrieb |
| DB3.DBX104.3 | "DB3".D1043 | (TP) ML Siebreinigungspumpe |

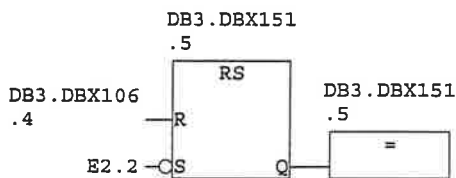
Netzwerk: 8 (TP) Meldung Siebreinigungspumpe Winkelpresse 1 in Betrieb



Symbolinformation

| | | |
|--------------|-------------|---|
| M25.3 | M25.3 | Siebreinigungspumpe Winkelpresse in Betrieb |
| DB3.DBX109.1 | "DB3".D1091 | (TP) Meldung Siebreinigungspumpe in Betrieb |

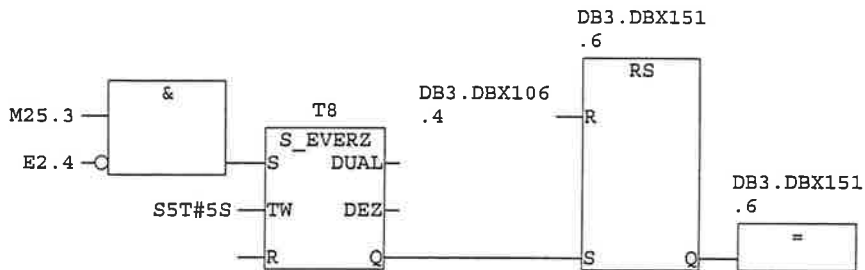
Netzwerk: 9 (TP) Meldung und Überwachung Motorschutz Siebrp. WP1



Symbolinformation

| | | |
|--------------|-------------|--|
| DB3.DBX151.5 | "DB3".D1515 | (TP) Alarm Motorschutz Siebreinigungspumpe =350-Q1 |
| DB3.DBX106.4 | "DB3".D1064 | (TP) Taster Quittierung Störung |
| E2.2 | =350+CP-Q1 | Zabezpieczenie silnika pompa czyszczenia |

Netzwerk: 10 (TP) Meldung und Überwachung zu wenig Druck Brauchwasser WP1



Symbolinformation

| | | |
|--------------|-------------|--|
| M25.3 | M25.3 | Siebreinigungspumpe Winkelpresse in Betrieb |
| E2.4 | =350+LD-S3 | Zabezpieczenie pompa wodnej pned suchobi |
| T8 | T8 | (TP) Meldung und Überwachung zu wenig Druck Siebreinigungswasser Winkel presse |
| DB3.DBX151.6 | "DB3".D1516 | (TP) Alarm zu wenig Druck Siebreinigungswasser Winkelpresse =350+LD-S3 |
| DB3.DBX106.4 | "DB3".D1064 | (TP) Taster Quittierung Störung |