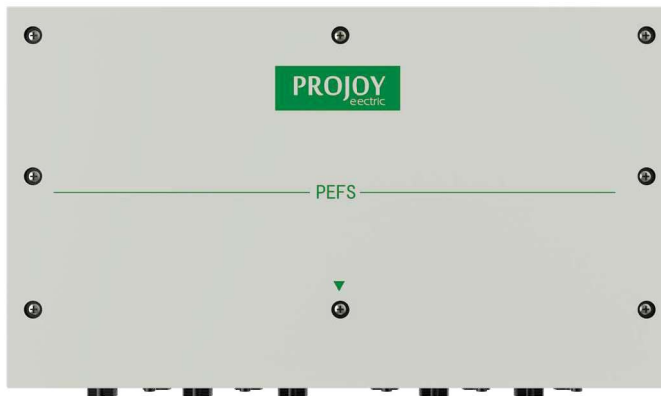


PEFS Series

Large Firefighter Safety Switch



PROJAY
electric

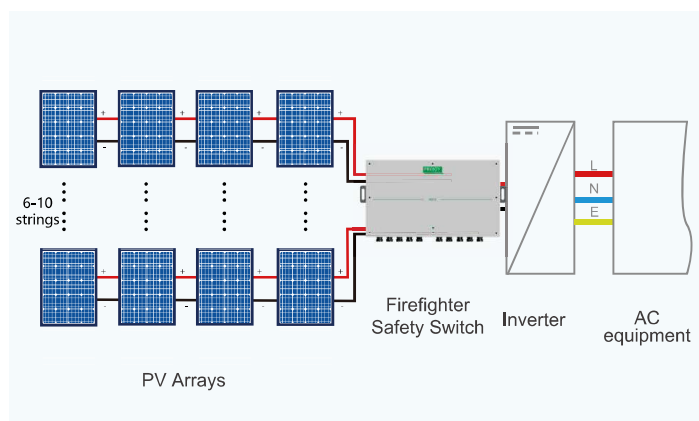
– Switch To Safety! –

Zař. 5

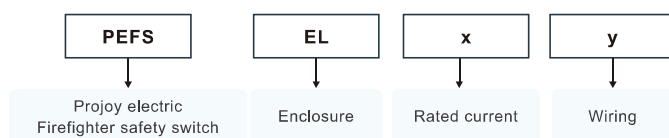
Features

- Up to 6-10 strings
- Up to 55A
- Up to 1500V DC
- CE certification
- Motor driven switch disconnection
- Sheet metal material enclosure IP65
- Built-in DC isolator with TUV, CE, CB, SAA, UL
- Shut down automatically exceeding 70 °C
- Equipped with breathing valve to avoid condensation inside the enclosure
- Applied to Commercial and Utility scale solar installations

Diagram



Select Code



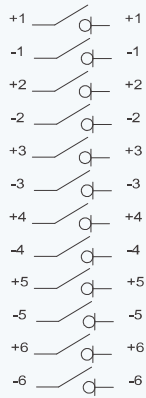
Technical data

Technical Parameter	
Main Parameters	PEFS
String voltages (Vdc)	300~1500
String current (A)	9~55
Number of strings	6~10
Switch wiring	12, 14, 16, 18, 20
Operating voltage	100Vac - 270Vac
Nominal voltage	230Vac
Nominal current	60mA
Start up (loading) current	average 200mA
Switch on action current	max 600mA
Feedback contact	24Vdc-600mA max
Operating temperature range	-20°C - +50°C
Max. operating temperature before automatic switch off	+70°C
Storage temperature range	-40°C - +85°C
Protection degree	IP66
Protection level	Class II
Certification	CE
DC Switch disconnect according to	EN 60947-1&3
Number of operations	10000
Number of operations under load (PV1)	>1500

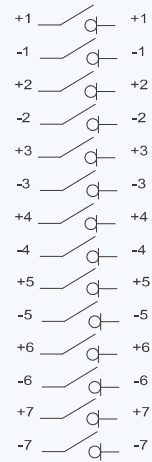
Technical data

Data of PEFS refer to built-in DC isolators. Data according to IEC60947-3(ed.3.2):2015, UL508i. Utilization category DC-PV1.						Poles	No. of Strings	Part Number
300V	600V	800V	1000V	1200V	1500V			
16	16	16	9	6	3	12	6	PEFS-EL16-12
25	25	22	11	8	4	12	6	PEFS-EL25-12
32	32	26	13	10	5	12	6	PEFS-EL32-12
40	40	30	26	20	13	12	6	PEFS-EL40-12
55	55	45	33	33	18	12	6	PEFS-EL55-12
40	40	40	40	32	20	12	6	PEFS-EL40H-12
60	60	60	52	42	32	12	6	PEFS-EL50H-12
16	16	16	9	6	3	14	7	PEFS-EL16-14
25	25	22	11	8	4	14	7	PEFS-EL25-14
32	32	26	13	10	5	14	7	PEFS-EL32-14
40	40	30	26	20	13	14	7	PEFS-EL40-14
55	55	45	33	33	18	14	7	PEFS-EL55-14
40	40	40	40	32	20	14	7	PEFS-EL40H-14
60	60	60	52	42	32	14	7	PEFS-EL50H-14
16	16	16	9	6	3	16	8	PEFS-EL16-16
25	25	22	11	8	4	16	8	PEFS-EL25-16
32	32	26	13	10	5	16	8	PEFS-EL32-16
40	40	30	26	20	13	16	8	PEFS-EL40-16
55	55	45	33	33	18	16	8	PEFS-EL55-16
40	40	40	40	32	20	16	8	PEFS-EL40H-16
60	60	60	52	42	32	16	8	PEFS-EL50H-16
40	40	40	40	32	20	18	9	PEFS-EL40H-18
60	60	60	52	42	32	18	9	PEFS-EL50H-18
40	40	40	40	32	20	20	10	PEFS-EL40H-20
60	60	60	52	42	32	20	10	PEFS-EL50H-20

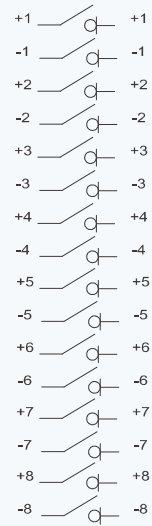
Contact Configuration



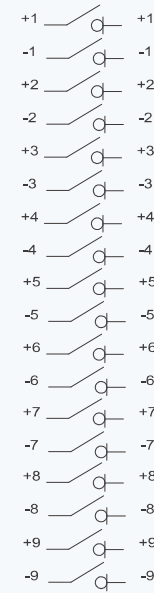
12



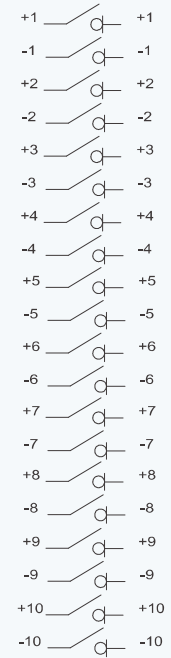
14



16



18



20

Dimensions of PEFS

PEFS-12P~PEFS-20P

