

# PEFS Series (UL1741 & CSA C22.2)

( 1-5 strings )-String Level Rapid Shutdown Device



## High Craftsmanship AND High Standards



Small volume



Flame retardant material



Anti-UV



Outdoor installation IP65



Multiple shutdown methods over temperature/loss of AC /emergency shutdown



Service life 25 years



High reliability



0V output physical isolation

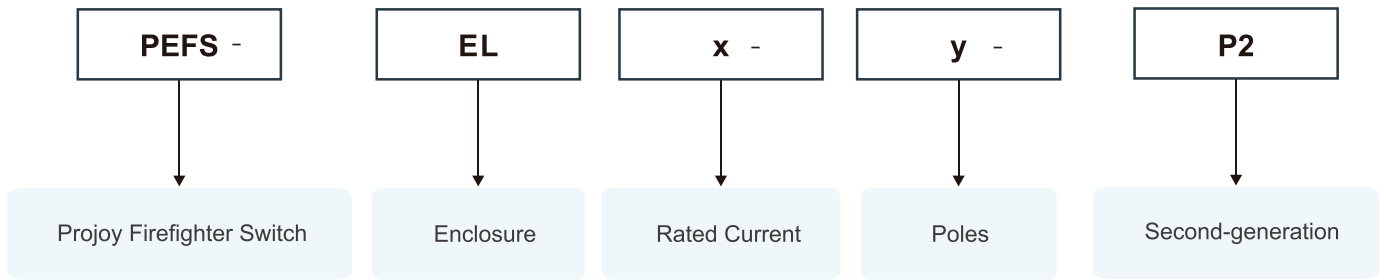


FB1 FB2 function achieves external monitoring



Easy to install

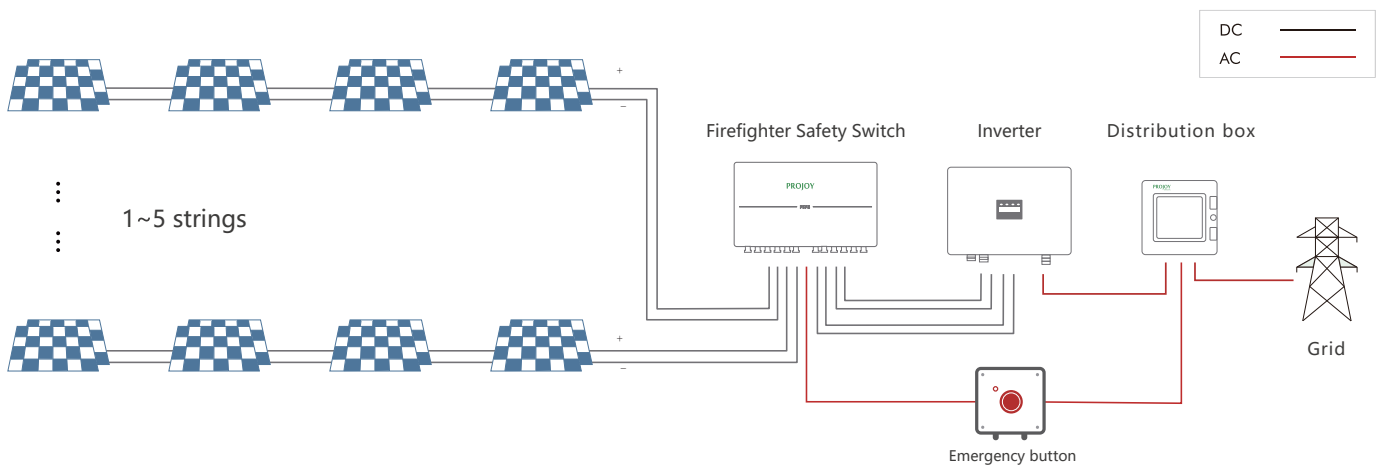
## Naming



Models: PEFS-ELx-y. Rated current: x=16/25/32/40/55/40H/50H, y= 6/8/10

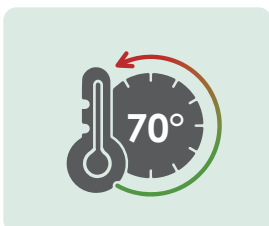
## Diagram

NOTE: The PEFS may not be installed in direct sunlight or be in direct contact with (continuous) ingress water.

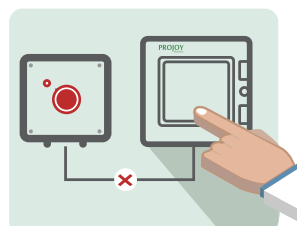


## Tripping ways

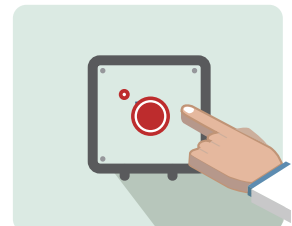
By temperature



By AC Power cut-off



By Manual

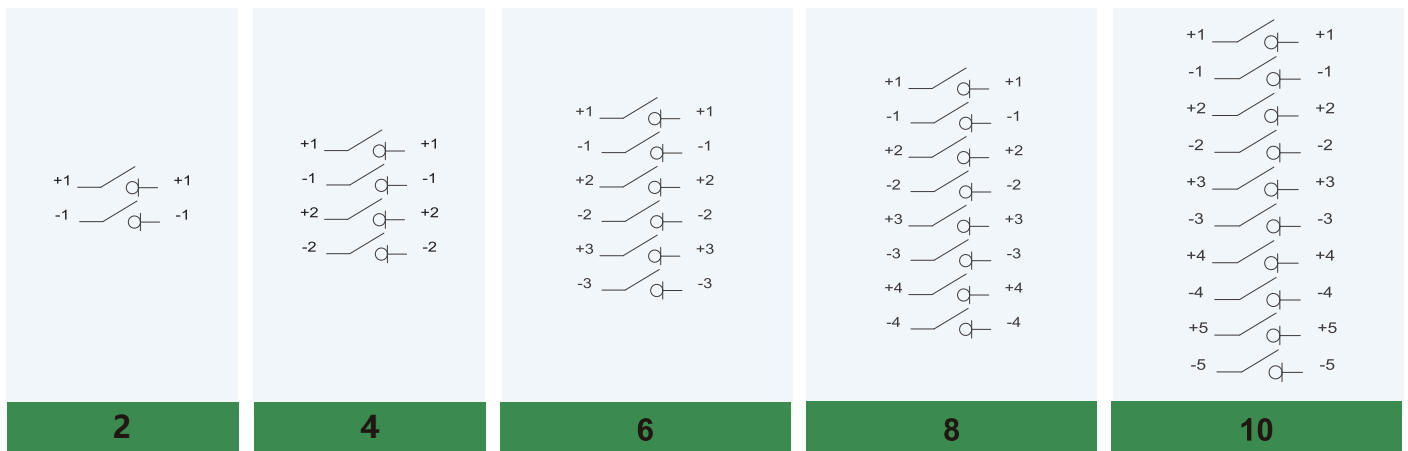


## Technical data

Technical Parameter	
<b>Main Parameters</b>	<b>PEFS-ELx-y-P2</b>
System voltage (Vdc)	300~1500
Max current per string(A)	30
Number of strings	1/2/3/4/5
Poles	2/4/6/8/10
Operating voltage	100Vac~270Vac
Nominal voltage	230Vac
Nominal current	30mA
FB1 FB2 function(Standard configuration)	contact capacity:250VAC,16A
Operating temperature	-30°C~+70°C
Automatically switch off by temperature	+70°C
Storage temperature	-40°C - +85°C
Ingress protection level	IP65
Protection level	Class II
Certification	ETL/CSA
Regulations compliance	UL1741 & CSA C22.2
Mechanical life	10000
Electrical life	300

Data of PEFS refer to built-in DC isolators. Data according to IEC60947-3(ed.3.2):2015. Utilization category DC-PV1.						Poles	No. of Strings	Part Number
300V	600V	800V	1000V	1200V	1500V			
16A	16A	16A	9A	6A	3A	2/4/6/8/10	1/2/3/4/5	PEFS-EL16-2/4/6/8/10-P2
25A	25A	22A	11A	8A	4A	2/4/6/8/10	1/2/3/4/5	PEFS-EL25-2/4/6/8/10-P2
30A	30A	26A	13A	10A	5A	2/4/6/8/10	1/2/3/4/5	PEFS-EL32-2/4/6/8/10-P2
30A	30A	30A	20A	15A	13A	2/4/6/8/10	1/2/3/4/5	PEFS-EL40-2/4/6/8/10-P2
30A	30A	30A	30A	30A	18A	2/4/6/8/10	1/2/3/4/5	PEFS-EL55-2/4/6/8/10-P2
30A	30A	30A	30A	30A	20A	2/4/6/8/10	1/2/3/4/5	PEFS-EL40H-2/4/6/8/10-P2
30A	30A	30A	30A	30A	30A	2/4/6/8/10	1/2/3/4/5	PEFS-EL50H-2/4/6/8/10-P2

## Contact Configuration



## Dimensions

Unit: mm

