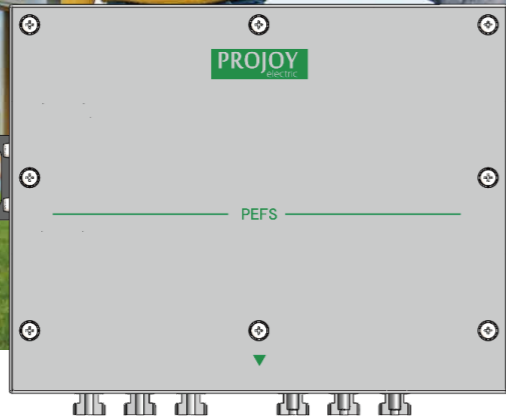


# PEFS Series Firefighter Safety Switch



**PROJOY**  
electric  
- Switch To Safety! -



## High Craftsmanship AND High Standards



Small volume



Flame retardant material



Anti-UV



Outdoor installation IP66



Easy to install



Service life 25 years



High reliability



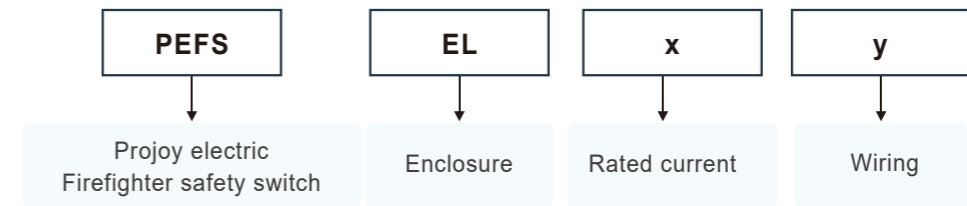
OV output physical isolation



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

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## Select Code



Models: PEFS-ELx-y. Rated current: x=16/25/32/40/55/40H/50H, Wiring types: y=6/8/10/6T/9T



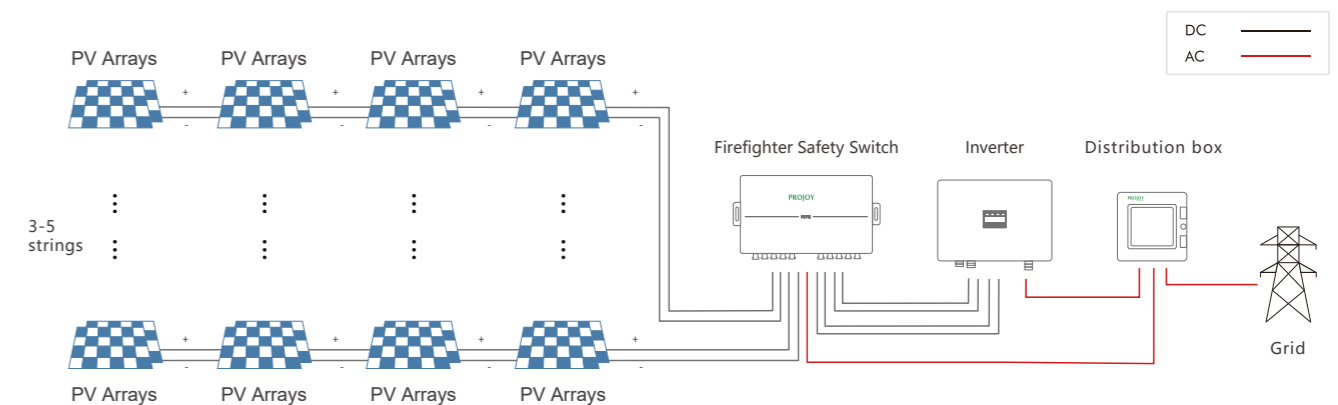
Unit with cable glands, M12



Unit with MC4 connectors

When the current is greater than 40A, please select cable glands.

## Diagram



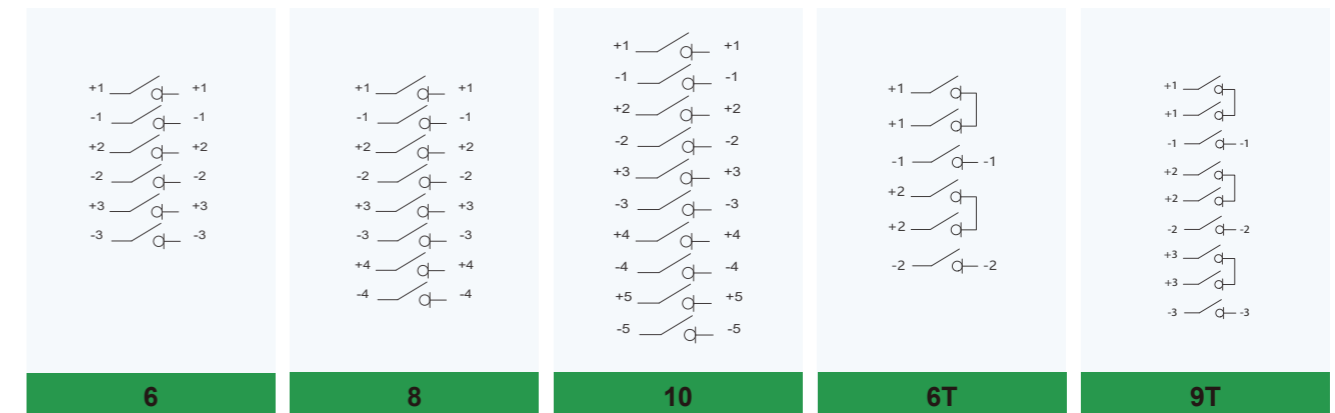
## Technical data

Technical Parameter	
<b>Main Parameters</b>	<b>PEFS</b>
String voltages (Vdc)	300~1500
String current (A)	9~55
Number of strings	3~5
Switch wiring	6/8/10/6T/9T
Operating voltage	100Vac - 270Vac
Nominal voltage	230Vac
Nominal current	30mA
Start up (loading) current	average 100mA
Switch on action current	max 300mA
Feedback contact	24Vdc - 300mA 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

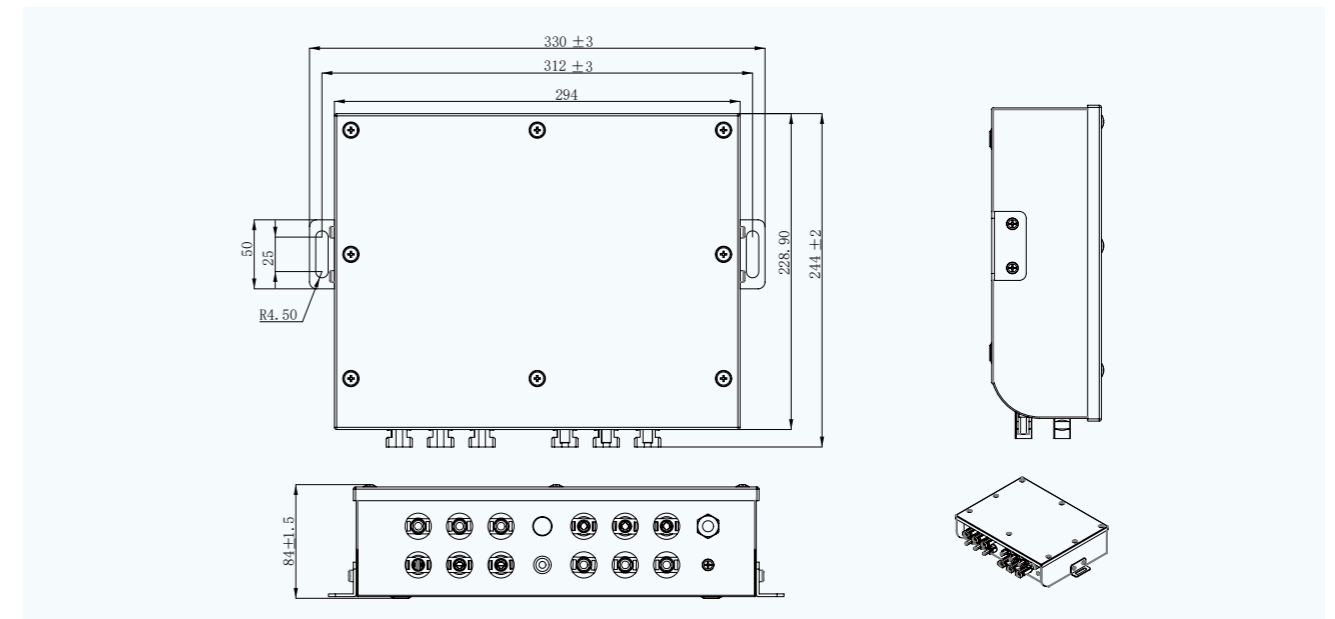
Data of PEFS refer to built-in DC isolators. Data according to IEC60947-3(ed.3.2):2015. Utilization category DC-PV1.								Poles	No. of Strings	Part Number
300V	600V	700V	800V	900V	1000V	1200V	1500V			
16	16	16	16	13	9	6	3	6/8	3/4	PEFS -EL16-6/8
25	25	23	22	16	11	8	4	6/8	3/4	PEFS -EL25-6/8
32	32	27	26	20	13	10	5	6/8	3/4	PEFS -EL32-6/8
40	40	35	30	25	20	10	6	6/8	3/4	PEFS -EL40-6/8
55	55	55	45	35	25	15	8	6/8	3/4	PEFS -EL55-6/8
50	50	50	50	50	50	40	30	6/8/10	3/4/5	PEFS -EL50H-6/8/10
40	40	40	40	40	40	30	20	6/8/10	3/4/5	PEFS -EL40H-6/8/10
50	50	50	50	50	50	50	40	6/9	2/3	PEFS -EL50H-6T/9T
40	40	40	40	40	40	40	30	6/9	2/3	PEFS -EL40H-6T/9T

## Contact Configuration



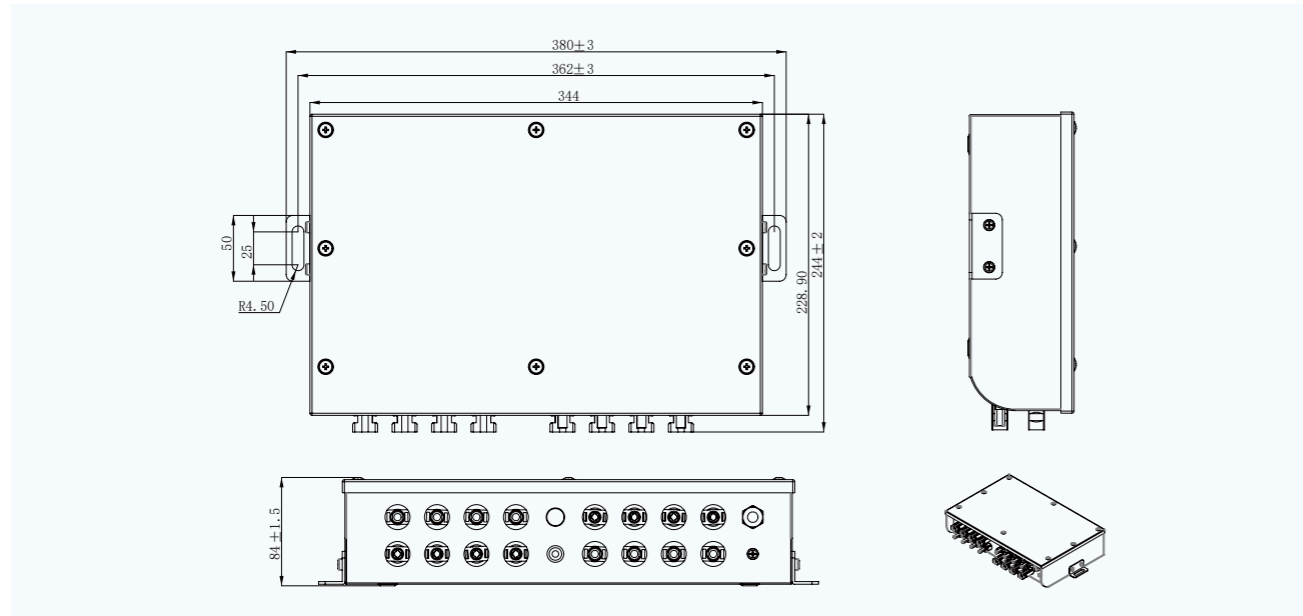
## Dimensions of PEFS

## PEFS-6P



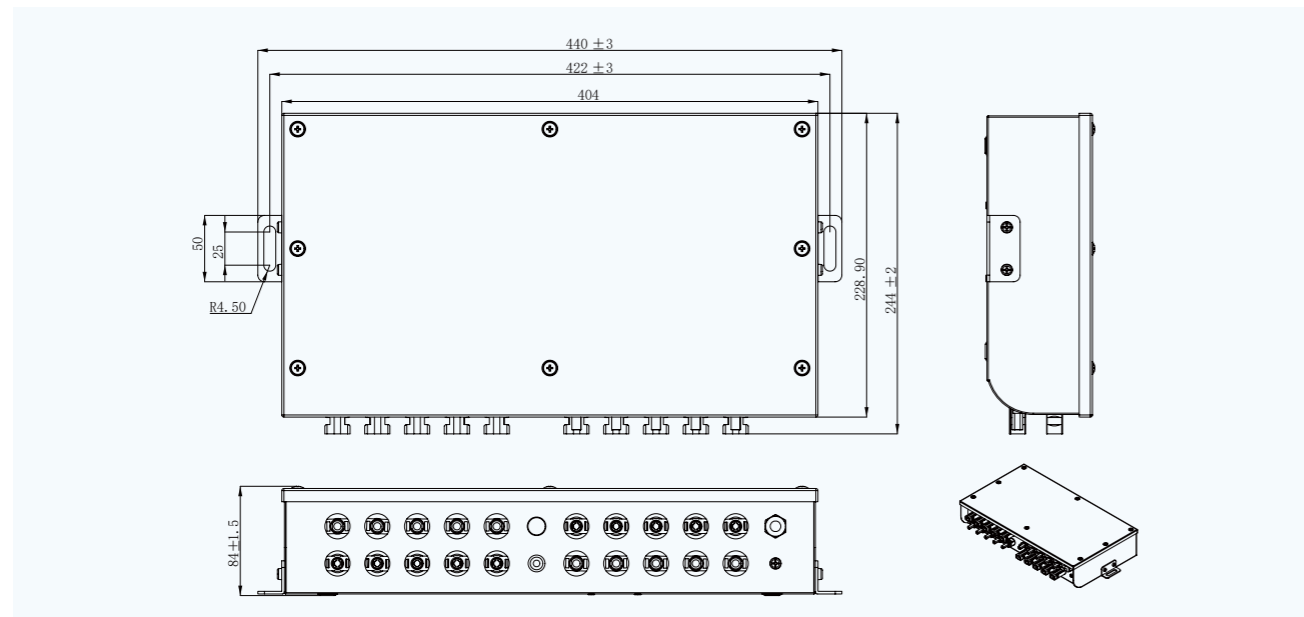
**Dimensions of PEFS**

PEFS-8P



**Dimensions of PEFS**

PEFS-10P



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