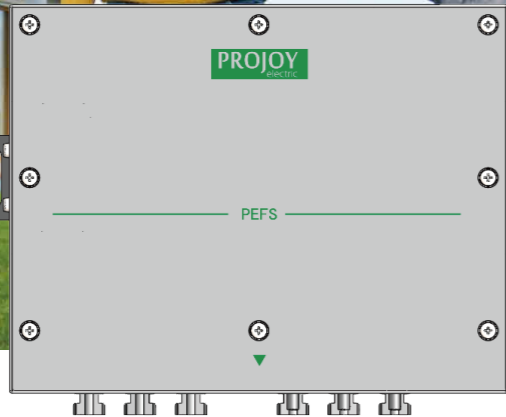


PEFS Series Firefighter Safety Switch



PROJOY
electric
- Switch To Safety! -



High Craftsmanship AND High Standards



Small
volume



Flame
retardant
material



Anti-UV



Outdoor installation
IP65



Easy to install



Service life
25 years



High reliability



OV output physical
isolation

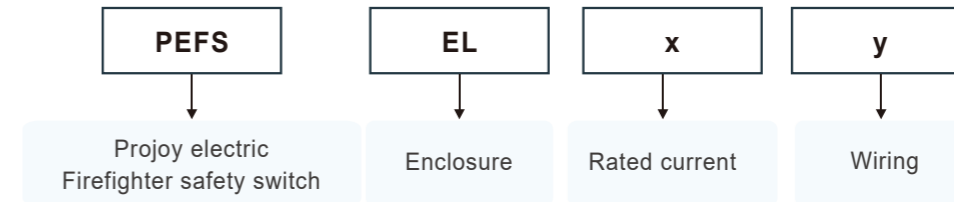


Multiple shutdown methods
over temperature/loss of pressure
/emergency shutdown



Select Code

PROJOY
electric
- Switch To Safety! -



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

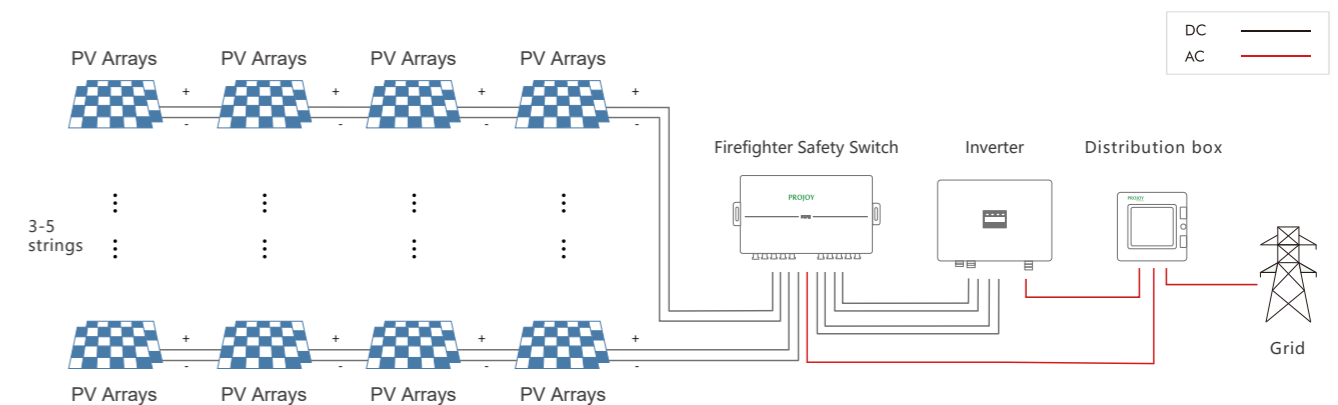


Unit with MC4 connectors

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



Diagram



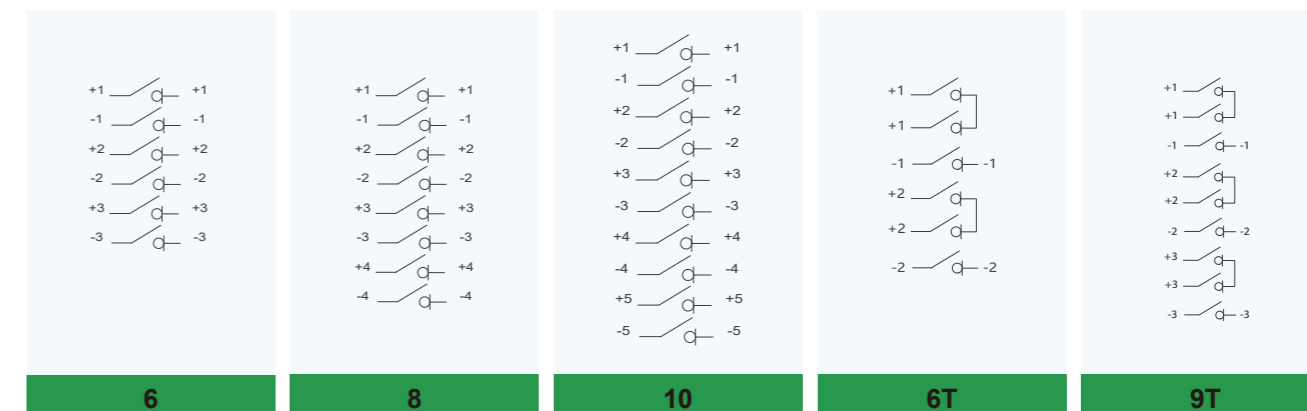
Technical data

Technical Parameter	
Main Parameters	PEFS
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

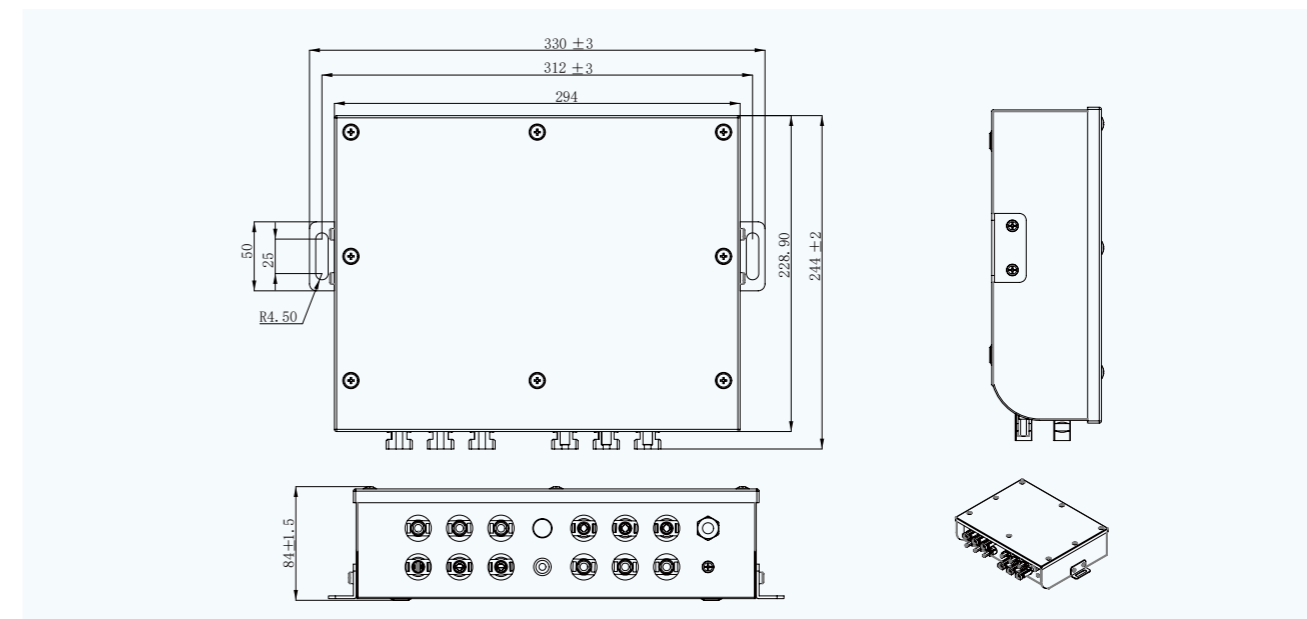
Contact Configuration



Dimensions of PEFS

PEFS-6P

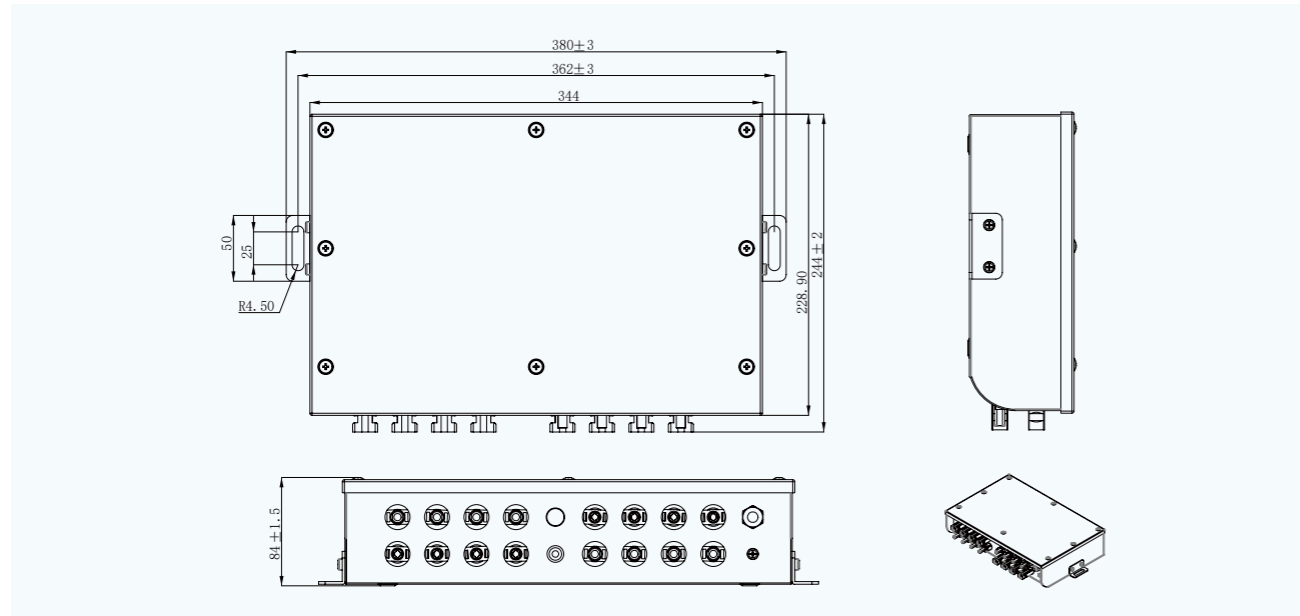
Unit: mm



Dimensions of PEFS

PEFS-8P

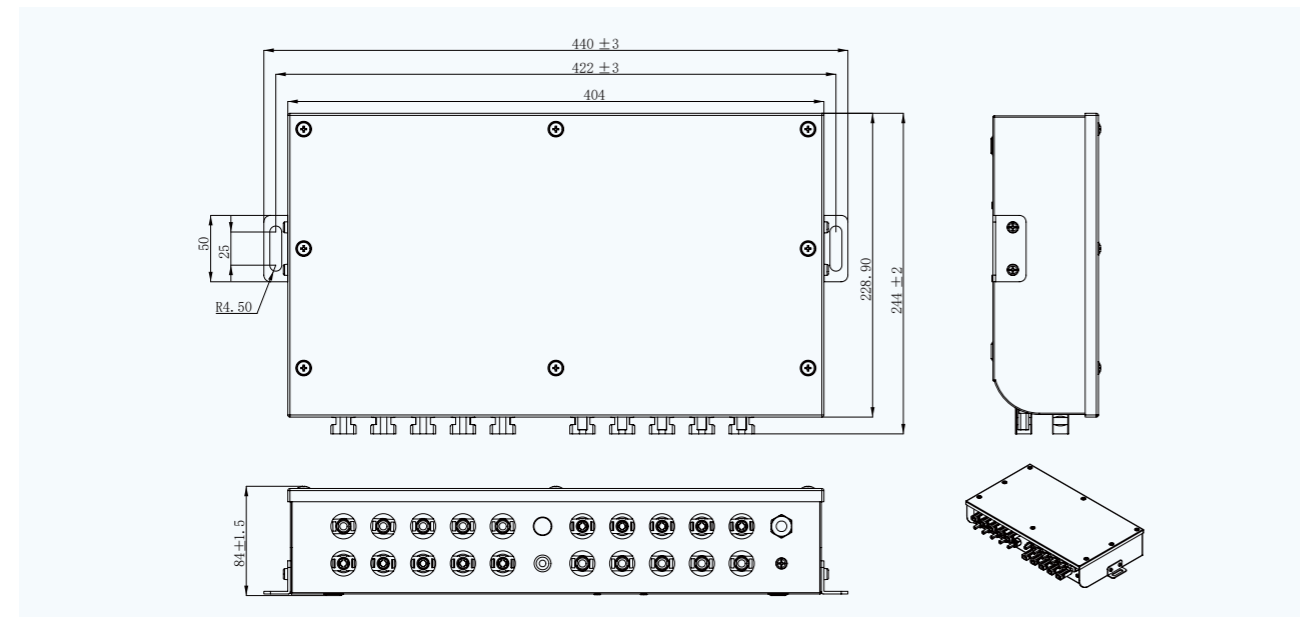
Unit: mm



Dimensions of PEFS

PEFS-10P

Unit: mm



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