

YROPV-30 DC FUSE & YROPV-32B FUSE HOLDER



Specifications

- Rated voltage: 1000VDC
- Rated current: 2A~30A
- Protection category: gPV-Full range protection of PV system
- Standard: IEC60269-6

Typical Application

- PV combiner box-Solar PV module protection

Product Features

- Low temperature rise, low power consumption and long service life
- Standardized size and compact structure

Applicable Holder & Base

- YROPV-32B

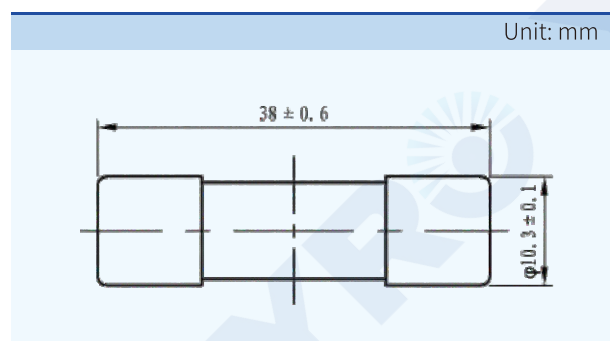
Product Parameter

Product code	Rated current	Breaking capacity	Safety certificate		Power loss 1.0In (W)	Net weight
				CE		
YROPV30/02NF	2A	1000 VDC TUV&CE: 20kA	•	•	0.9	10g
YROPV30/03NF	3A		•	•	1.0	
YROPV30/04NF	4A		•	•	1.2	
YROPV30/05NF	5A		•	•	1.3	
YROPV30/06NF	6A		•	•	1.5	
YROPV30/08NF	8A		•	•	1.8	
YROPV30/10NF	10A		•	•	2.2	

Time-current Characteristic

Standard; IEC60269-6	
113%In	145%In
>1h non fusing	<1h fusing

Dimensions



Product code	Rated current	Breaking capacity	Safety certificate		Power loss 1.0In (W)	Net weight
				CE		
YROPV30/12NF	12A	1000 VDC TUV&CE: 20kA	•	•	2.3	10g
YROPV30/15NF	15A		•	•	2.7	
YROPV30/20NF	20A		•	•	3.2	
YROPV30/25NF	25A		•	•	3.8	
YROPV30/30NF	30A		•	•	4.5	
YROPV30/32NF	32A		•	•	5.1	

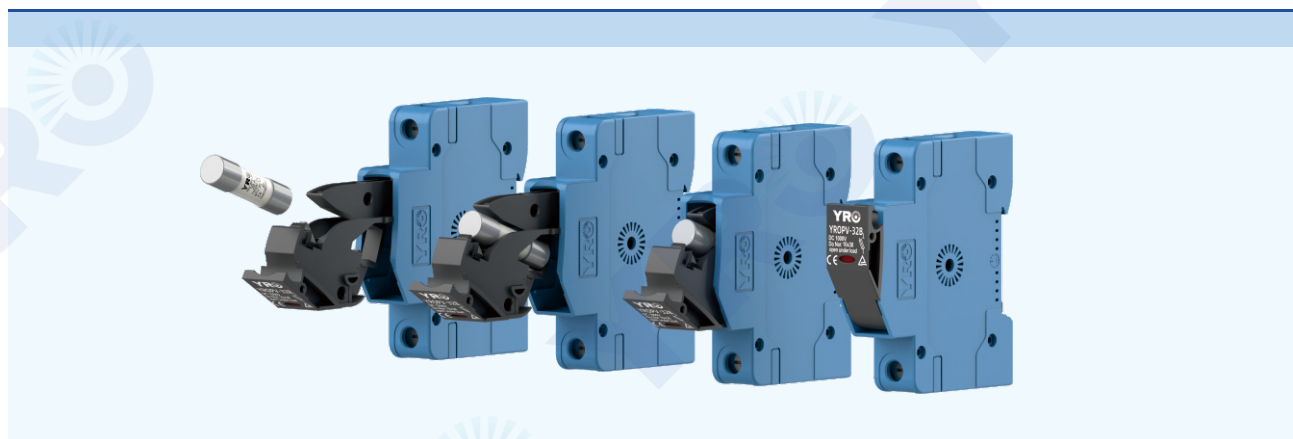
Electrical Technical Reference

Product Model	YROPV-32B
Citation standards	IEC/EN60947-1 IEC/EN 60947-3
Rated insulation voltage U_i	1100V
Rated service voltage U_e	DC1000V
Rated service current (Ie)	2/3/4/5/6/8/10/12/15/16/20/25/30A/32A
Rated impulse withstand voltage U_{imp}	6kV
Rated acceptable power dissipation	4W
Numbers of poles	1P
Rated limiting short circuit current	20kA
Fuse dimensions for use	10mm×38mm
Ingress protection	IP20
Use category	PV-0

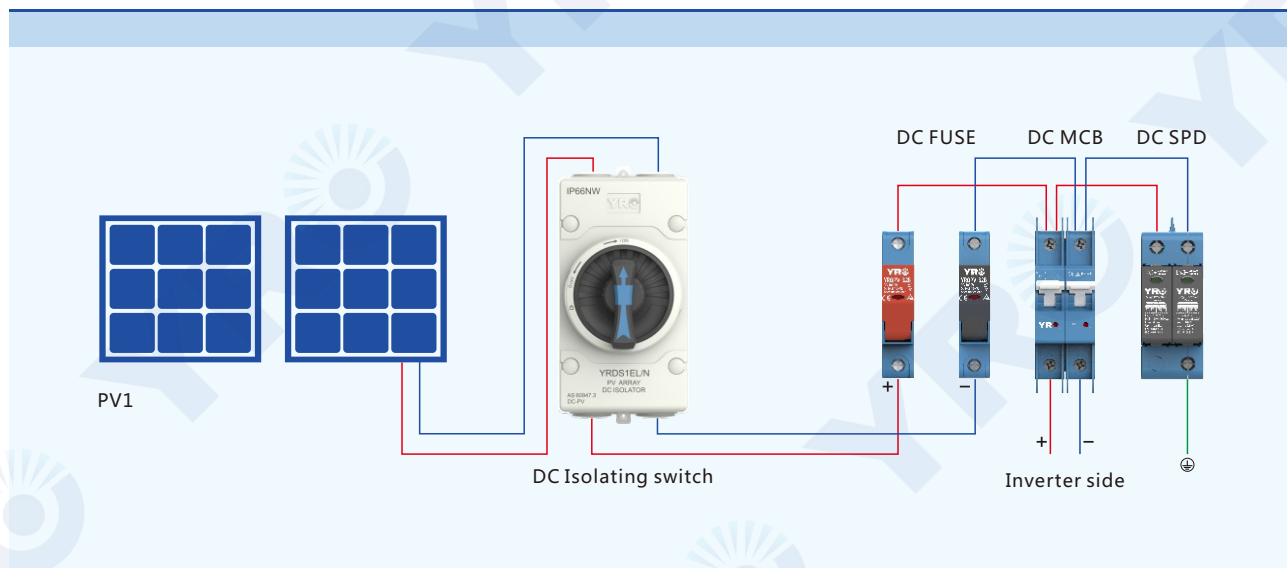
Aerating Parameters

Poles(P)	Ambient temperature	Temperature in cabinet (°C reference) volume: 0.1m ³	Derating factor
1-4	25	30	1
1~4	30	40	0.93
1~4	40	50	0.9
1~4	50	60	0.85
5~24	-11	30	0.9
5~24	3	40	0.85
5~24	18	50	0.75
5~24	40	60	0.6
5~24	55	65	0.5
5~24	60	70	0.45
5~24	65	75	0.6

Installation



Wiring Diagram



Dimensions

Unit: mm

