



**UNIPVSWITCH
500.32.2P**

Ref 5076



**UNIPVSWITCH
500.50.2P**

Ref 5083

General technical data

Number of clusters	2	2
Category of use		
DC-PV1	yes	yes
DC-PV2	yes	yes
Rated insulation voltage (Ui)	1500 V	1500 V
Impulse withstand voltage (Uimp)	8000 V	8000 V
Power dissipation per pole at 20A	0,2 W	0,2 W
Power dissipation per pole at 50A	1,25 W	1,25 W
Operating current to EN 60947-3/A2 2015 (Ie)		
500 V DC (Ue)		
PV1	32 A	50 A
PV2	16 A	-
750 V DC (Ue)		
PV1	25 A	32 A
PV2	10 A	18 A
1000 V DC (Ue)		
PV1	12 A	20 A
PV2	4 A	10 A
Technical data for short-circuit protection		
Rated conditioned short-circuit current	5000 A	5000 A
Maximum fuse size for short-circuit protection (gPV)	50 A	50 A
Rated short-time current - 1 s (Icw)	780 A	780 A
Rated short-circuit capacity (Icm)	1400 A	1400 A
Mechanical characteristics		
Max. cable cross-section (direct contact without lug)	6mm ²	6mm ²
Max. cable cross-section (with fork terminal)	10mm ²	10mm ²
Fixing screw size	M4	M4
Contact clamping force +/-10%	1,7 Nm	1,7 Nm
Operating and storage temperature	-40°C à +85°C	-40°C à +85°C
Protection class	IP 20	IP 20
Materials		
Plastic bodies	V0	V0
External metal parts	Inox	Inox
External dimensions (H x W x D) in mm	78 x 45 x 76	78 x 45 x 76
Weight	145 g	145 g
Warranty		
Duration	2 years	2 years



Isolating switches

OPTIMUM PROTECTION

UNIPVSWITCH is a range of two-pole switch-disconnectors ideal for safe operation solar installations up to 500 V DC (installation, maintenance or emergency or emergency intervention).

UNIPVSWITCH is designed to operate even under load, without risk to the switch-disconnector.

Its internal technology reduces the switching time and guarantees fast arc extinguishing during operation.

Thanks to its PV1/PV2 certification, it offers ideal protection, especially in thermal applications between -40°C and +85°C.

The UNIPVSWITCH can be padlocked to prevent unintentional operation accident during maintenance.

Its mechanical design offers 2 mounting options :
- Wall mounting (2 holes 68 mm space).
- 35 mm DIN rail



Compliance with DC Standards EN 60947-3/A2-2021



Bi-polar



Wall mounting 68 mm hole spacing



35 mm Din rail mounting



Padlockable



IP20 For indoor use



500V DC



NEW

