



All Dimension in mm



- ✧ Features
- ✧ Class II surge protector for Photovoltaic system
- ✧ In accordance with IEC61643-11
- ✧ Type 2, common mode surge protection, 40kA surge arrester
- ✧ Pluggable design SPD, easy replacement
- ✧ Reliable supervision due to disconnection device;
- ✧ Fault indication by red indication flag in window;
- ✧ With remote alarm terminal optional;

Type	40UPV1000	
In accordance with	IEC61643-11	
Category IEC/VDE	II/ C	
Protection Mode	Common mode	
Nominal voltage (Vdc)	Un	1000
Max. continuous operating voltage (Vdc)	Ucpv	1060
Nominal discharge current(8/20)	In	20kA
Max. discharge current(8/20)	Imax	40kA
Voltage protection rating	Up	<3.6kV
	VPR	<3.0kV
Short-circuit current rating(Iscpv)	1000A	
Response time	≤25 ns	
Follow current	No	
Backup fuse(only required if not already provided in mains)	125A gR/gPV	
Operating temperature range	- 40°C ~ + 80°C	
Cross-section of connection wire	Single-strand 35mm ² ; multi-strand 25mm ²	
Mounting	35mm DIN-rail in accordance with EN 50022/DIN46277-3	
Enclosure material	thermoplastic; extinguishing degree UL94 V-0	
Degree of protection	IP20	
Installation width	2 modules, DIN 43880	
Thermal disconnecter	Internal green – normal ; red - failure	
Remote alarm contact	No	