



Electrical Characteristics	
SPD type	1+2+3
Network	PV network 1000 Vdc
Nominal DC voltage	Un-dc 1000 Vdc
Rated insulation voltage	Ui 1000 Vdc
Rated current	InA 50 A
Rated string current	InC 25 A
Mechanical Characteristics	
Housing material	UV and ozone resistant, glass fibre reinforced polycarbonate
Dimensions	See diagram
Weight	1.648 kg
Input / per MPPT	Spring clamp terminals / 4x 6-16mm ²
Output / per MPPT	Spring terminals / 1x 6-16mm ²
Ground connection terminal	Screw terminal 6-35mm ²
Cable gland	2x M16 (Ø 4,5-10 mm) / 2x M20 (Ø 6-13 mm) / 1x M25 (Ø 9 - 17 mm)
Housing material	UV and ozone resistant, fiberglass reinforced polycarbonate with semi-transparent cover
Dimensions	WxHxD (mm): 130 x 180 x 111
Ambient temperatures	Indoor: -5°C to max. +40°C (+35°C 24h average) / Outdoor: -25°C to max. +40°C (+35°C 24h average)
Humidity	Indoor: max. 50% at +40°C, max. 90% at 20°C (non-condensing) / Outdoor: 95% for a short time at +25°C (non-condensing)
Protection rating	IP 65
Protection class	Class II
Impact resistance	IK 8
Pressure compensation element	Existing
Standards	
Standards compliance	DIN EN 50539-11 / DIN EN IEC 61439-2
Part number	
157609	

