



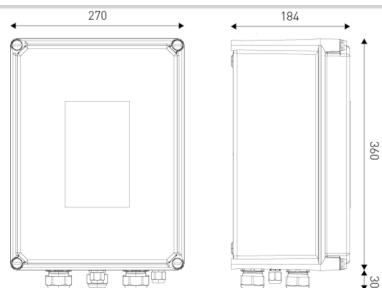
CITEL

PV-DC-Junction box

FWS3.K2x10.K2x10



- Fire department switch for 3 MPP trackers / 2 strings
- Integrated surge protection (PV DC type 1+2 / AC type 2+3)
- Protection class IP65
- Connection via spring-loaded terminals
- Manual shutdown via emergency switch
- Automatic shutdown in the event of a power failure
- Automatic restart when power is restored



Electrical Characteristics

SPD type	IEC	PV-DC Type 1+2 and AC Type 2+3
Network		PV network 1000 Vdc
Nominal DC voltage	Un-dc	1000 Vdc
Rated insulation voltage <i>Ui</i>	Ui	1500 Vdc
Rated current <i>InA</i>	InA	3x 20 A
Rated string current	InC	3x 50 A
Control voltage (switch)		100 Vac - 270 Vac 50/60Hz

Mechanical Characteristics

Weight	1.648 kg
Input / per MPPT	Spring terminals / 2x 6-10 mm ²
Output / per MPPT	Spring terminal / 2x 6-10mm ²
Ground connection terminal	Screw terminal max. 16mm ²
Cable gland	M32 with MDI (Ø 6mm)
Housing material	UV and ozone resistant, fiberglass reinforced polycarbonate with semi-transparent cover
Dimensions	WxHxD (mm): 360 x 270 x 184
Ambient temperatures	-20°C to +40°C
Humidity	95% (non-condensing)
Protection rating	IP 65
Protection class	Class II
Impact resistance	IK 10
Pressure compensation element	Existing

Standards

Standards compliance	EN 61439-1 / EN 61439-2 / IEC 60364-7-712:2017-04
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Part number

157350

