



CITEL



PV-DC-Junction box

FWS6.K2x10.K2x10

- Fire department switch 6 MPPT 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	6x 20 A
Rated string current	InC	6x 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): 540 x 360 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
Part number		
157650		



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