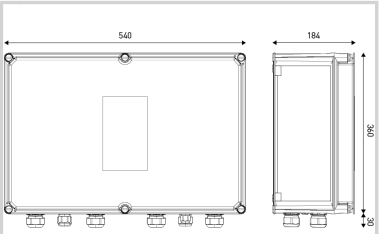
PV-DC-Junction box

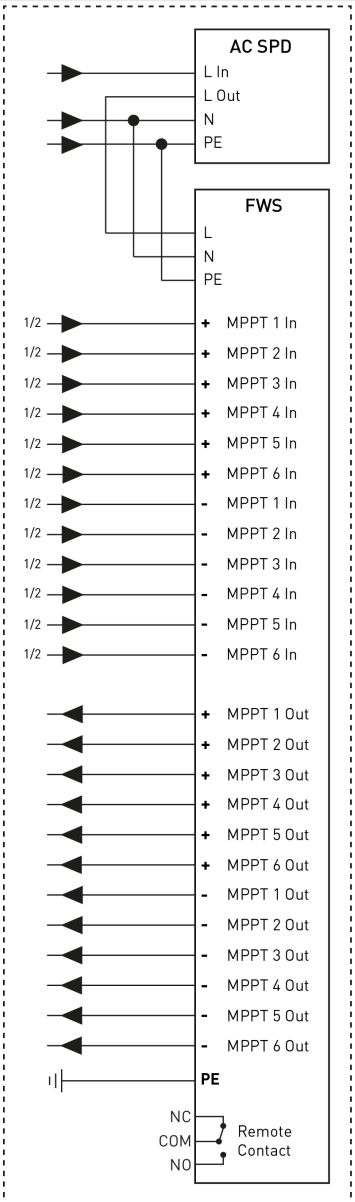
FWS6.K2x10.K2x10



- Fire department switch 6 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
- Remote signaling (SPD only)

CE





Achtung! Dies ist ein Ersatzschaltbild!
Anschluß- und Stromlaufplan finden Sie in den, mit dem Produkt gelieferten, Installationshinweisen.

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
Nominal discharge current *15 x 8/20 µs impulses*	In	20 kA
Impulse current by pole *max. withstand 10/350µs by pole*	Iimp	5 kA
Total lightning current *max. total withstand @ 10/350µs*	Itotal	10 kA
Current withstand short circuit PV	Iscpv	15 000 A
Rated insulation voltage *Ui*	Ui	1500 Vdc
Rated current *InA*	InA	6x 2x 20 A
Rated string current	InC	6x 50 A
Control voltage (switch)		100 Vac - 270 Vac 50/60Hz
Mechanical Characteristics		
Protection rating		IP65
Remote signaling of disconnection		Output on changeover contact
Max. Voltage/Current for remote signaling		250 V / 0.5 A (AC) / 30 V / 3 A (DC)
Input / per MPPT		Spring terminals / 2x 6-10 mm²
Output / per MPPT		Spring terminal / 2x 6-10mm²
Ground connection terminal		Screw terminal max. 16mm²
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 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		