

SR20D-M

Rapid Shutdown



SAFE AND RELIABLE

- 20s Rapid shutdown, 10s pre-protection preventing risk
- Patented FHC bypass technology, decrease loss, avoid overheating
- 450m bi-directional PLC communication, flexible in various scenarios



EASY TO INSTALL

- 20A high current, compatible with diversified PV pannels
- Quick-plug installation, saving installation time
- No dismantling of PV module for maintenance, lower O&M costs



Type designation		SR20D-M
Electrical		
Input channels / Number of PV Modules		1 / 2
Input voltage range per channel		12 - 125 V
Output voltage range		12 - 125 V
Max.PV input current per channel		20 A
Max.DC short-circuit current per channel (I _{sc})		30 A
Maximum system voltage		1100 V
Shutdown output voltage		1 V
Power consumption		< 1 W
Mechanical		
Input / Output connector		Stäubli MC4 / MC4 compatible (Optional)
Mouting method		Snap-fit or bolt installation
PV input wire length		1.4 m (+ / -)
Output wire length		0.2 m (+) / 2.95 m (-)
Dimensions (W * H * D)		86 mm * 143 mm * 27 mm
Environmental & Protection		
Operating ambient temperature range		-40 °C – 85 °C
Allowable relative humidity range (non-condensing)		0 % – 100 %
Degree of protection		IP68
Communication		PLC (≤ 450 m)
Compliance		
Safety *		IEC/EN 62109-1, IEC/EN 61000-6-1/-2/-3/-4
Compatibility		
Compatible products		SG25 / 30 / 33 / 36 / 40 / 50CX-P2 SG125CX-P2 SG150CX

* The product SR20D-M is complied with the rapid shut down requirements of referenced standards in UL3741 & UL1741

