

DC Switch Box

One MPPT Tracker

1 MPPT

This range of DC Solar Safety Boxes is designed for single MMPT tracker inverters.

To offer the best protection for your installation, they are equipped with a general emergency DC switch and a Citel Type 2 DC Surge Protection Device (Type 1+2 optional). The range goes from 1 to 3 strings with DC breaker and SPD and from 3 to 6 strings with DC breaker, SPD and added fuse protection on each string (+ and -). Available with Staubli MC4 connectors on string entrance or cable glands.



DC20-1000-MC4-1S



DC63-4Fu15-1000-MC4-4S

	1 string	2 strings	3 strings (No fuse)	3 strings Fuse protection	4 strings Fuse protection	5 strings Fuse protection	6 strings Fuse protection
DC Breaker	DC Breaker Switch Kraus & Naimer 20A-1000v DC	DC Breaker Switch Kraus & Naimer 30A-1000v DC	DC Breaker Switch Kraus & Naimer 40A-1000v DC	DC Breaker Switch Kraus & Naimer 40A-1000v DC	DC Breaker Switch ABB 63A-1000v DC		DC Breaker Switch ABB 100A-1000v DC
Surge Protection Device	SPD Citel 1000v DC Type 2 Surge protection 1000v DC In20kA, I _{max} 40A						
Fuse protection	-	-	-	6 Fuses protection gPV 10x38 15A 1000V DC (3+ and 3-)	8 Fuses protection gPV 10x38 15A 1000V DC (4+ and 4-)	10 Fuses protection gPV 10x38 15A 1000V DC (5+ and 5-)	12 Fuses protection gPV 10x38 15A 1000V DC (6+ and 6-)
Photovoltaic cable	H1Z2Z2 (nouveau PV1-F) 1500v DC						
Earth	Direct from SPD through 1 PG9 cable gland						
Plastic distribution box IP65	8 Modules, 231 x 238 x 118 mm	12 modules, 246 x 310 x 148 mm		2x12 Modules, 436 x 310 x 148 mm		218 Modules, 436 x 418 x 148 mm	
Net weight	1,7 kg	1,9 kg	2,3 kg	4,3 kg	4,5 kg	4,7 kg	5,3 kg
Staubli MC4 connectors on string entrance	DC20-1000-MC4-1S	DC30-1000-MC4-2S	DC40-1000-MC4-3S	DC40-3Fu15-1000-MC4-3S	DC63-4Fu15-1000-MC4-4S	DC63-5Fu15-1000-MC4-5S	DC100-6Fu15-1000-MC4-6S

Option Type 1+2 available : SPD ABB OVR 40-1000 DC T2 Certified Type 1+2 1000v DC In20kA, I_{max} 40kA



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