

Firefighter Safety Switch



Feature

- 1~10 strings available
- Up to 40A
- UP to 1500 V
- CE certification
- IP66 protection & anti UV
- Shutdown feedback signal
- Auto shutdown exceeding 70°C
- 10000 mechanical life cycles
- Isolator with CE, CB, TUV, SAA
- Valve to avoid condensation

Select Code

TW	RSD	150	—	40	—	N
↓	↓	↓		↓		↓
Thinkwe	Rapid Shutdown	Max voltage		Max current		Number of strings
	string-level panel-level	1500V		40A		1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Technical Data

Model	TW-RSD150-40-1	TW-RSD150-40-2
Main loop parameters		
Number of strings	1	2
Max DC voltage	1500 Vdc	
Max DC current	40A	
Parameters	1500V26A,1250V32A,1000V40A,800V40A	
DC connector	MC4	
Control loop parameters		
Power supply type	AC single phase	
Nominal voltage	230Vac	
Operating voltage	100-270 Vac	
Nominal frequency	50/60Hz	
Operating frequency	47-63 Hz	
Nominal current	100mA	
Max current	300mA	
AC connector	Plug-in	
Product parameters		
Protection degree	IP 66	
Protection level	Class II	
Certification	CE	
Switch according to	EN 60947-3	
Number of operations	>10000	
N. of operations under load	>1500	
Operating temperature	-20°C ~ 75°C	
Temperature sensor trigger	70°C	
Warranty	5 years	
Dimensions (L*W*H)	190 * 230 * 105	
Weight	1470 g	1520 g

Technical Data

Model	TW-RSD150-40-3	TW-RSD150-40-4
Main loop parameters		
Number of strings	3	4
Max DC voltage	1500 Vdc	
Max DC current	40A	
Parameters	1500V26A,1250V32A,1000V40A,800V40A	
DC connector	MC4	
Control loop parameters		
Power supply type	AC single phase	
Nominal voltage	230Vac	
Operating voltage	100-270 Vac	
Nominal frequency	50/60Hz	
Operating frequency	47-63 Hz	
Nominal current	100mA	
Max current	300mA	
AC connector	Plug-in	
Product parameters		
Protection degree	IP 66	
Protection level	Class II	
Certification	CE	
Switch according to	EN 60947-3	
Number of operations	>10000	
N. of operations under load	>1500	
Operating temperature	-20°C ~ 75°C	
Temperature sensor trigger	70°C	
Warranty	5 years	
Dimensions (L*W*H)	300 * 280 * 115	
Weight	2900 g	3200 g

Technical Data

Model	TW-RSD150-40-5	TW-RSD150-40-6
Main loop parameters		
Number of strings	5	6
Max DC voltage	1500 Vdc	
Max DC current	40A	
Parameters	1500V26A,1250V32A,1000V40A,800V40A	
DC connector	MC4	
Control loop parameters		
Power supply type	AC single phase	
Nominal voltage	230Vac	
Operating voltage	100-270 Vac	
Nominal frequency	50/60Hz	
Operating frequency	47-63 Hz	
Nominal current	100mA	
Max current	300mA	
AC connector	Plug-in	
Product parameters		
Protection degree	IP 66	
Protection level	Class II	
Certification	CE	
Switch according to	EN 60947-3	
Number of operations	>10000	
N. of operations under load	>1500	
Operating temperature	-20°C ~ 75°C	
Temperature sensor trigger	70°C	
Warranty	5 years	
Dimensions (L*W*H)	348 * 280 * 137	
Weight	3800 g	4000 g

Technical Data

Model	TW-RSD150-40-7	TW-RSD150-40-8
Main loop parameters		
Number of strings	7	8
Max DC voltage	1500 Vdc	
Max DC current	40A	
Parameters	1500V26A,1250V32A,1000V40A,800V40A	
DC connector	MC4	
Control loop parameters		
Power supply type	AC single phase	
Nominal voltage	230Vac	
Operating voltage	100-270 Vac	
Nominal frequency	50/60Hz	
Operating frequency	47-63 Hz	
Nominal current	100mA	
Max current	300mA	
AC connector	Plug-in	
Product parameters		
Protection degree	IP 66	
Protection level	Class II	
Certification	CE	
Switch according to	EN 60947-3	
Number of operations	>10000	
N. of operations under load	>1500	
Operating temperature	-20°C ~ 75°C	
Temperature sensor trigger	70°C	
Warranty	5 years	
Dimensions (L*W*H)	348 * 330 * 166	
Weight	4600 g	4800 g

Technical Data

Model	TW-RSD150-40-9	TW-RSD150-40-10
Main loop parameters		
Number of strings	9	10
Max DC voltage	1500 Vdc	
Max DC current	40A	
Parameters	1500V26A,1250V32A,1000V40A,800V40A	
DC connector	MC4	
Control loop parameters		
Power supply type	AC single phase	
Nominal voltage	230Vac	
Operating voltage	100-270 Vac	
Nominal frequency	50/60Hz	
Operating frequency	47-63 Hz	
Nominal current	100mA	
Max current	300mA	
AC connector	Plug-in	
Product parameters		
Protection degree	IP 66	
Protection level	Class II	
Certification	CE	
Switch according to	EN 60947-3	
Number of operations	>10000	
N. of operations under load	>1500	
Operating temperature	-20°C ~ 75°C	
Temperature sensor trigger	70°C	
Warranty	5 years	
Dimensions (L*W*H)	348 * 330 * 195	
Weight	5400 g	5600 g