



DISCOM 1500

FEATURES

- 1,500 VDC
- 8-24 fused positions
- 8-36 strings
- Multiple fuse sizes
- 250, 325 & 400 A DC disconnect
- Locking mechanism
- Connection plates for compression terminals
- 90° Terminations

OPTIONS

- Type 4X fiberglass enclosure
- Surge arrester (1500 V)
- Multi-contact MC4 or Amphenol Helios H4 PV connectors

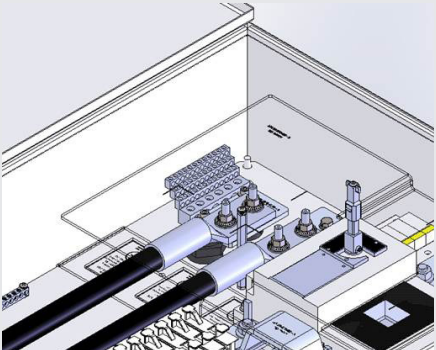
1,500 VDC DISCONNECTING STRING COMBINERS

Yaskawa - Solectria Solar's string combiners feature the broadest product offering available in the industry today. Our string combiners offer the highest quality and durability, allow for simplified installation and mounting flexibility, and provide the best safety and protection features. The 1,500 VDC combiners are available in 8-24 fused positions and include a wide range of fuse values allowing up to 36 string inputs. The standard enclosure is powder coated steel (Type 4) with the fiberglass (Type 4X) enclosure option available upon request. The DISCOM 1500 includes connection plates for compression terminals (2 per output up to 600 kcmil or 1 per output up to 750 kcmil) and 90°C terminal rating.

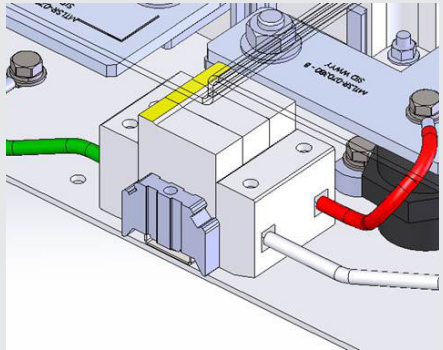


DISCOM SPECIFICATIONS											
PRODUCT	DISCOM 1500										
Number of Fused Inputs	8	10	12	14	15	16	18	20	21	24	
Input Wire Range	(1) 14-6 AWG, (2) 14-10 AWG										
Output Wire Range (Compression Terminal)	(2) 1/0 - 600 kcmil, (1) 1/0 - 750 kcmil										
Maximum Voltage	1,500 VDC										
Disconnect Current Rating*											
15 A Fuses	275 A									325 A	
20 A Fuses	275 A					325 A			400 A		
25 A Fuses (2 strings/fuse)	275 A			325 A			400 A		N/A		
30 A Fuses (2 strings/fuse)	275 A		325 A		400 A		N/A				
Maximum Continuous Current*											
15 A Fuses	96 A	120 A	144 A	168 A	180 A	192 A	216 A	240 A	252 A	288 A	
20 A Fuses	128 A	160 A	192 A	224 A	240 A	256 A	288 A	320 A	336 A	384 A	
25 A Fuses (2 strings/fuse)	160 A	200 A	240 A	280 A	300 A	320 A	360 A	N/A			
30 A Fuses (2 strings/fuse)	192 A	240 A	288 A	336 A	360 A	384 A	N/A				
Fuse Range	15 A, 20 A, 25 A, 30 A standard; additional options available upon request*										
Operating Temperature	-40°F to +122°F (-40°C to +50°C)										
Mounting Locations	Indoor, Outdoor, Wall, Array, Rooftop - Vertical, Horizontal, or Angled										
Certifications											
Safety Listings & Certifications	UL 1741, CSA C22.2#107.1										
Certification Agency	ETL										
Warranty											
Standard	5 year										
Enclosure											
Dimensions (H x W x D)	30 in. x 24 in. x 8 in (762 x 610 x 203 mm)										
Weight											
Powder Coated Steel	75 lbs (34 kg)										
Fiberglass	56 lbs (25.4 kg)										
Enclosure Rating	Type 4; optional Type 4X										
Enclosure	Polyester powder coated steel; optional fiberglass										

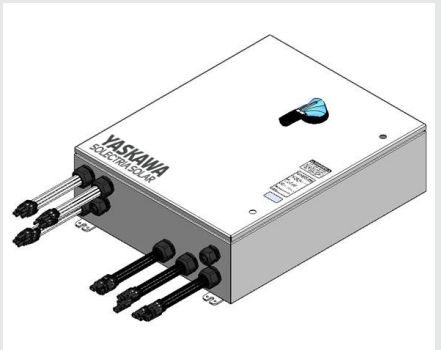
* Additional fuse options available upon request (4, 6, 8, 10, 12 A)



Standard connection plate for customer provided compression terminal (1, 750 kcmil per pole or 2, 600 kcmil per pole)



Surge arrester option (1500 VDC)



MC4/H4 PV connector option