

EP-3DC EP Series 3 Poles Distributor



Ordering information

Ordering No.	Cable sealing dia.(mm)
910022201	Top 8.0、left 8.0、right 8.0
910022202	Top 8.0、left 11.5、right 11.5
910022203	Top 8.0、left 9.5、right 9.5
910022204	Top 8.0、left 12.5、right 12.5
910022205	Top 9.5、left 9.5、right 9.5
910022206	Top 9.5、left 11.5、right 11.5
910022207	Top 9.5、left 12.5、right 12.5
910022208	Top 11.5、left 11.5、right 11.5
910022209	Top 11.5、left 12.5、right 12.5
910022210	Top 12.5、left 12.5、right 12.5
910022211	Top 7.0、left 8.0、right 8.0
910022212	Top 7.0、left 9.5、right 9.5
910022213	Top 7.0、left 11.5、right 11.5
910022214	Top 7.0、left 12.5、right 12.5
910022215	Top 6.0、left 8.0、right 8.0
910022216	Top 6.0、left 9.5、right 9.5
910022217	Top 6.0、left 11.5、right 11.5
HS CODE	8536300000
Standard Packing Quantity/Carton	200PCS/CTN
Gross Weight/PCS	75g/PCS

Certifications

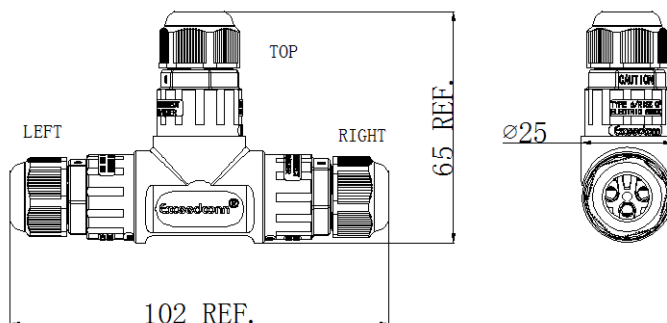
	UL2238
	IEC61984
	GB/T 13140.1 、 GB/T 13140.2

Environmental Statement

RoHS	Product conforms to EU RoHS directive 2011/65/EU appendix II revision directive(EU) 2015/863 limiting value's requirement
Reach	Product conforms to the EU regulations requirements of No. 1907/2006 REACH

Electrical Performance	
Rated Voltage	450V AC (TUV/CQC) 300V AC / 600V AC (UL)
Rated Impulse Voltage	4000V
Rated current	Main Line: TUV 32A / UL 13A Branch Line: TUV 17.5A / UL 13A
Contact Resistance	≤10mΩ
Insulation Resistance	≥500MΩ
Mechanical Capacity	
Cable Retention	OD:5.5~9.0,F≥80N; OD:9~12,F≥100N; OD:12~12.5,F≥120N;
Connector insertion force / Pullout force	NA
Connector insert and pullout frequency	NA
Cable Cross Section	1.5~4.0mm ² (OD≤12mm)
Operational Environment	
Protection Degree	IP68 1m-1H
Ambient Temperature	-40℃~+85℃
Glow Wire (Insulator)	960℃
Flammability (Insulator)	UL94 - V2
Material	
Plastic	PC+PBT and PA
Conductor	Copper Alloy with Ni Plating
Sealing element	Silicone
Connecting Screw	Stainless steel
More detailed info. Please refer to test report.	

Dimension Drawing



Installation Tools

Torque Spanner	
Torque Screwdriver	
Straight Screwdriver	
Wire Stripper	
Special Spanner	
Wire Crimpers	

Exceedconn connector defined the recommended torque on the thread connecting parts. In order to get reliable screw-threaded installation effect, we recommend torque spanner and torque screwdriver.

Notes. Special Spanner's three basic functions: 1. Locking the body; 2. Tighten the nut; 3. Fixing the housing while unlock, to acquire more convenient and fast install and disassembly function.

Installation Instructions

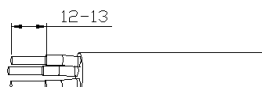
1. Cable processing

a. Wire Stripping



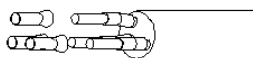
Wire stripping length : 22-23 mm

b. Core wire stripping



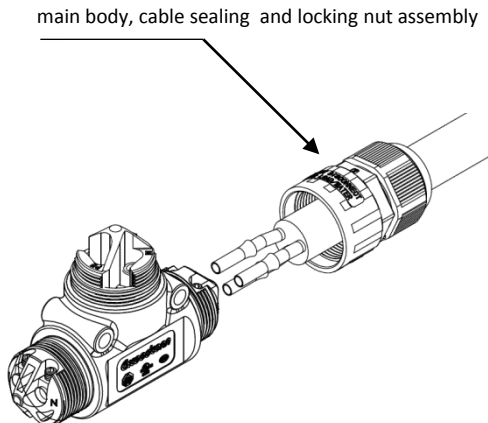
Core wire stripping length : 12-13 mm

c. Press the tubular terminal

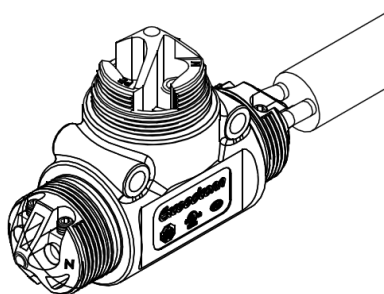


2. Cable to cable connector mounting

a. Preinstall main body, cable sealing and locking nut assembly

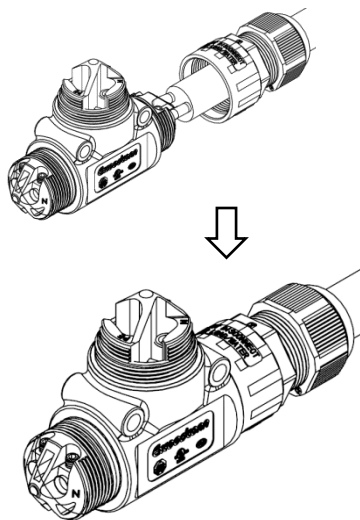


b. Cable locking



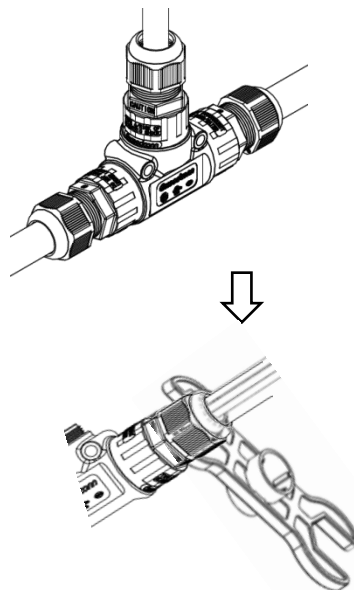
- ① Load the inner core cable into the main cable terminal in line order, and tighten the screw torque of $0.5 \pm 0.1\text{N}\cdot\text{m}$;
- ② Connect the other two ends as described above
- ③ Verify that the wiring sequence is correct

c. Locking body



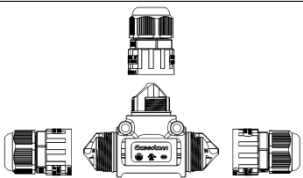
- ① Screw the conductor into the connector body;
- ② Install the other two ends as described above ;
- ③ Confirm whether the main body is in place. Seamless means that the connector locking is in place.

d. Locking nut



- ① Twist nut into main body, mounting torque is : 2.0+/- 0.5N·m ;
- ② Install the other two ends as described above ;

Package Specification

	Pack ing Mate rial	Carton Size (mm)	Packing Contents	Quantity (PCS/Carton)
Standard Carton	Carto n	460× 340×250		200
MPQ	PE	120X80		---

Contact



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