



For use with Trolex Slip Ring Units,
Ex d/e Junction Boxes
and Enclosures

Versatile, high quality multi-pin connector for offshore and petrochemical plants

Explosion protected Group II for hazardous areas with COMPONENT ACCEPTANCE to EN60079-0 & EN60079-1 code Exd IIB T6 (T_{amb} -20°C to +55°C)

Ease of connection - no special tools required

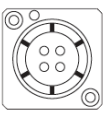
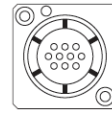
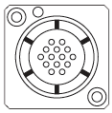
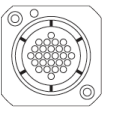
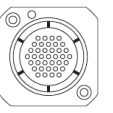
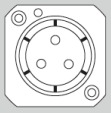
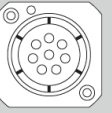
Choice of 3, 4, 8, 10, 14, 26 or 37 contact connectors, up to 1500V ac

Brass housing (stainless steel option)

Enclosure mounting version and line connectors

Full Ex d rating - even when disconnected

Ex e Socket versions

	TX3700 Series			TX3701 Series		TX3701 (HIGH VOLTAGE)	
Contact inserts are viewed on the FRONT face of socket units and the REAR face of plug units	 4 CONTACTS	 10 CONTACTS	 14 CONTACTS	 26 CONTACTS	 37 CONTACTS	 3 CONTACTS	 8 CONTACTS
Maximum Current per pin	25 A (Total Throughput - 100 A)			20 A (Total Throughput - 100 A)			
Contact Resistance	400µ ohms	400µ ohms	400µ ohms	400µ ohms	400µ ohms	400µ ohms	400µ ohms
Contact Diameter	ø2.3 mm	ø2.3 mm	ø2 mm	ø2 mm	ø2 mm	ø2 mm	ø2 mm
Maximum Conductor Size	2.5 mm ²	2.5 mm ²	2 mm ²	2 mm ²	2 mm ²	2 mm ²	2 mm ²
Max. Insulator Diameter	ø3.5 mm	ø3.5 mm	ø3 mm	ø3 mm	ø3 mm	N/A	N/A
Maximum Voltage	240V ac / 300V dc					1500V ac / 2200 V dc	
Test Voltage	2000V					4000V ac / 5400V dc	
Contact Material	Silver-plated Brass						
Contact Insulator	Acetal Co-polymer						
Termination	The contacts are suitable for both solder or 8-point crimp termination					The contacts are suitable for SOLDER ONLY	
Maximum Temperature	-20°C to +55°C					-20°C to +70°C	
Internal Earth Termination	Solder bucket for a maximum conductor size of 2.5 mm ²						
External Earth Termination	M4 screw clamp terminal for a maximum conductor size of 4 mm ²						

It is recommended that PINS are fitted into SOCKET units to provide mechanical protection to them when the connector is disconnected.