

SLIP RING COLLECTOR

Explosion Protected Group IIB Zone 1

Exd Ring Enclosure

Exe Terminal Boxes



OPERATING SPECIFICATION

Ambient Temperature Range	-20°C to +40°C	
Maximum Speed	40rpm (higher on request)	
Maximum Voltage	up to 4.2kV (standard 700VAC)	
Maximum Current	800 amps/ring	
Maximum Throughput Current	TX4726	2800 amps
	TX4727	3000 amps
	TX4728	1800 amps excluding earths and neutrals
Protection	IP66	
Mounting	In any plane	

TECHNICAL DETAILS

Housing Material	Mild Steel grade 43A
Shaft	Carbon Steel 080M40
Bearings	Sealed for life ball journal
Slip Rings	Phosphor bronze (precious metal plated for signals)
Brushes	Minimum of 2 per ring (Copper Graphite for power, Silver Graphite for signals)
Fasteners	Stainless Steel metric

OPTIONS

- ❖ Mounting flange / brackets to Customer's requirements
- ❖ Anti-condensation heater (self regulating)
- ❖ Hollow shaft
- ❖ Stainless Steel construction
- ❖ Internal or External slew limit switch
- ❖ Internal or External azimuth encoder
- ❖ Factory fitted flying leads
- ❖ Special features to handle I.S. circuits

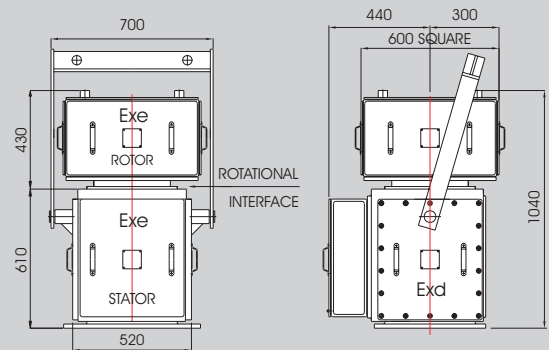
APPROVAL

Certification:
 TX4726, TX4727 and TX4728
 Baseefa02ATEX0060 Ⓢ II 2 GD (E 1180
 Code Exde IIB Ex tD A21 IP66 T100°C
 (T amb = -20°C to +40°C) Zones 1, 2, 21 & 22
 To EN60079-0 EN60079-1 EN60079-7
 IEC61241-0 IEC61241-1

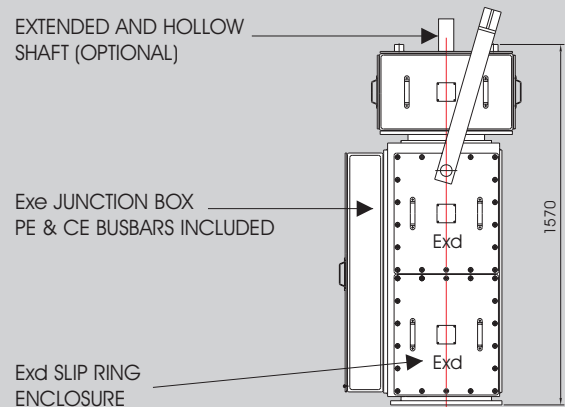
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TX4728



TX4727



TX4726

