

SLIP RING COLLECTOR

Explosion Protected Group IIB Zone 1

Exd Ring Enclosure

Exe Terminal Boxes

Hollow Shaft Option



OPERATING SPECIFICATION

Ambient Temperature Range	-20°C to +40°C (higher available)
Maximum Speed	40rpm (higher on request)
Maximum Voltage	770VAC
Maximum Throughput Current	810 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
- ❖ TX4715BW option (T amb = -20°C to +55°C) with reduced maximum total throughput of 420A

APPROVAL

Certification:

Baseefa02ATEX0180  II 2 GD Cc1180
 Code Exde IIB Ex tD A21 IP65 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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