

SLIP RING COLLECTOR

Explosion Protected Group IIB Zone 1

Exd IP66

Stainless Steel Enclosure

Fibre Optic Rotary Joint Option

For Cable Reels and Winches

OPERATING SPECIFICATION

Ambient temperature range	-20°C to +40°C (other temperature ranges available)
Maximum speed	50 rpm (higher on request)
Maximum voltage	3300 VAC
Current ratings	max 40 amps per ring (can be paralleled). Up to 136 rings subject to total throughput of 550 amps excluding earths, screens and neutrals

TECHNICAL DETAILS

External materials	316 Stainless Steel
Bearings	Sealed for life, ball journal
Slip rings	Phosphor bronze (precious metal plated for signals)
Brushes	Minimum of 2/ring copper graphite for power silver graphite for signals
Fasteners	Stainless Steel metric

OPTIONS

- ❖ Multi-pass Fibre Optic Rotary Joint
- ❖ Trolex Gas / Fluid Swivel
- ❖ Anti-condensation heater and thermostat

CABLE ENTRY OPTIONS

Due to its compact design, it is not possible for Customer cables to be connected directly into the enclosure. The following factory fitted options are available:

- ❖ Flying leads through a compound filled stopper box threaded to receive a suitable conduit
- ❖ Multi-core cable with appropriate cable gland
- ❖ Trolex Exd multi-pin connector
- ❖ Trolex Exd or Exe junction box

APPROVAL

Certification:

Baseefa02ATEX0170X  II 2 G D (€ 1180

Code Exd IIB Ex tD A21 IP66 T100°C (T amb = -20°C to +40°C)

Zones 1, 2, 21 & 22

To EN60079-0 EN60079-1

IEC61241-0 IEC61241-1

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