

# 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 G  $\text{CE}$  1180  
 Code Exde IIB T5 (T amb = -20°C to +40°C) Zones 1 & 2  
 To EN60079-0 EN60079-1 EN60079-7

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