

Explosion Protected Group IIB Zone 1

Ex d Ring Enclosure

Ex e Terminal Boxes

Hollow Shaft Option

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

OPERATING SPECIFICATION

Ambient Temperature Range	-20 °C to +45 °C (increased range available -40 °C to +55 °C)
Maximum Speed	40 rpm (higher on request)
Maximum Voltage	1000V ac
Maximum Throughput Current	400 Amps excluding earths and neutrals
Protection	IP66
Mounting	In any plane

TECHNICAL DETAILS

Housing Material	Carbon Steel
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

APPROVAL

Certification	ATEX	CML 15ATEX1133X ⊕ II 2 GD Ex db eb IIB T6 Gb T _{amb} -20 °C to +45 °C (As option - T _{amb} -40 °C to +55 °C) Ex tb IIIC T85 °C Db
	IECEx	IECEx CML 15.0066X II 2 GD Ex db eb IIB T6 Gb T _{amb} -20 °C to +45 °C (As option - T _{amb} -40 °C to +55 °C) Ex tb IIIC T85 °C Db

