

TX4701



TX4702



TX4703



TX4704



Explosion Protected Group IIB Zone 1

Ex d IP66 Enclosure

Compact Robust Housing

For Cable Winches, Cranes, Rotating Bridges, Swivel Stacks and Material Handling Equipment

OPTIONS

- Bronze housing
- Drive and mounting arrangements to suit Customer's requirements
- Trolex multi-pin Ex d connectors
- Flange mounting housing
- Factory fitted flying leads
- Integral encoder or multi-turn potentiometer
- Increased ambient temperature -40 °C to +60 °C

OPERATING SPECIFICATION

Ambient Temperature Range	-20 °C to +40 °C (see options)
Maximum Speed	100 rpm (higher on request)
Maximum Voltage	1500V ac/1800V dc (limited to 240V ac by some TX3700 and TX3701 Ex Connectors)
Current Ratings	TX4701 - 3 x 6 Amp rings TX4702 - 8 x 6 Amp rings TX4703 - 16 x 6 Amp rings TX4704 - 24 x 6 Amp rings Other ring capacities and combinations available subject to maximum equivalents shown above

TECHNICAL DETAILS

Housing Material	Cast Aluminium, grade LM25TF sulphuric anodised and coated with polyester powder stoved coating
Shaft	316 Stainless Steel
Bearings	Sealed for life, ball journal
Slip Rings	Phosphor bronze (precious metal plated for signals)
Fasteners	Stainless Steel Metric

APPROVAL

Certification - ATEX	CML 15ATEX1013X ⊕ II 2 GD Ex d IIB T6 Gb T _{amb} -20 °C to +40 °C Ex tb IIIC T85 °C Db
Certification - IECEx	IECEx CML 15.0005X Ex d IIB T6 Gb T _{amb} -20 °C to +40 °C Ex tb IIIC T85 °C Db