Collector Column EEx de
S-600 and S-600T with centre tube

Application:

The S-600 slip ring unit has a higher throughput current than the S-300. This unit offers a numerous combinations of rings for power and signals.
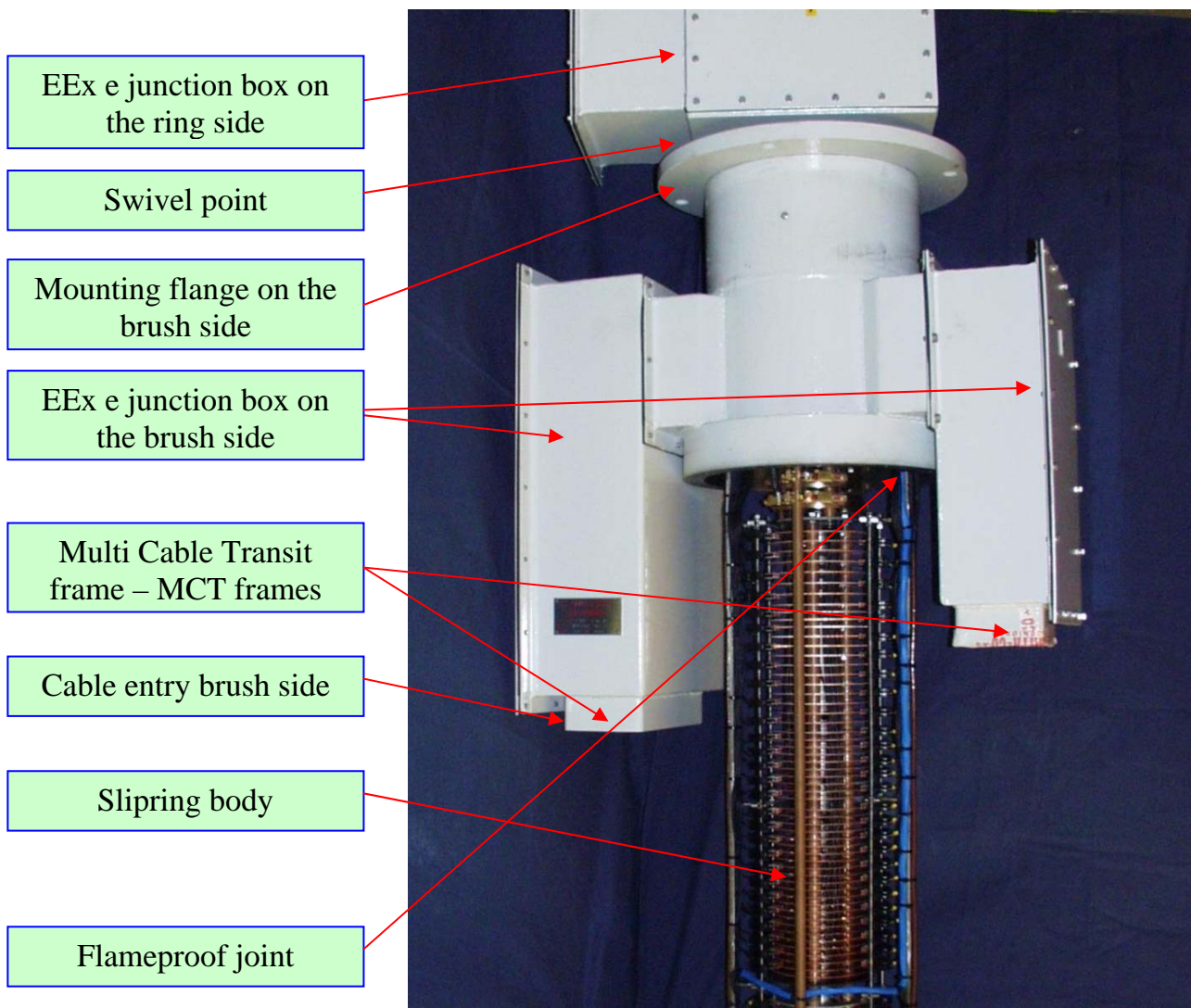
The S-600 can be equipped with two integrated EEx e junction boxes on both ring and brush side.

All EEx e junction boxes can be provided with necessary EEx e cable glands or frames for Multi Cable Transit (MCT). The junction boxes vary in size according to current size, type of signals and amount of rings.

The flameproof joint is L shaped and the unit fulfils the old requirements for IIC classification.
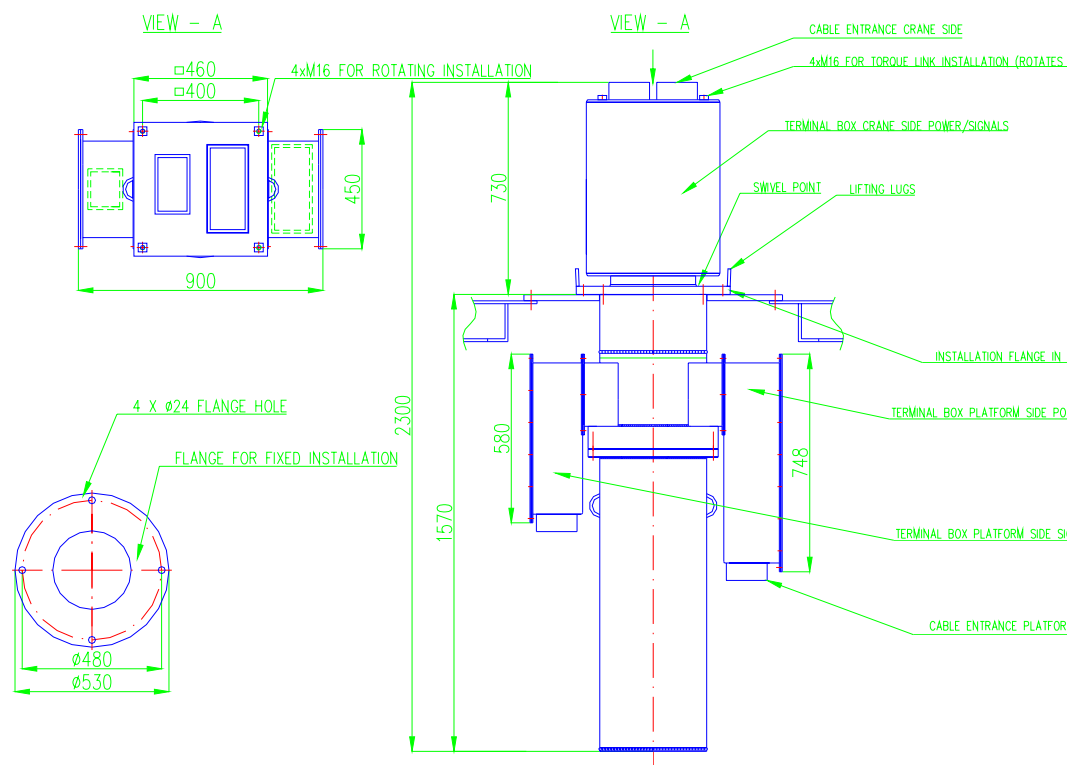
The unit can be mounted both horizontally and vertically. The mounting flange is located on the brush side.

This unit is always configured and built according to specifications given by the customer.

Label
EEx e junction box on the ring side
Swivel point
Mounting flange on the brush side
EEx e junction box on the brush side
Multi Cable Transit frame – MCT frames
Cable entry brush side
Slipring body
Flameproof joint

Technical characteristics of S-600 and S-600T

Ex-code:	II 2 G EEx de IIB T5/T4
Certificate:	NEMKO 03ATEX1473
Configuration:	Customized
Max current:	12 rings 600A (T4) at 690V or 5 rings of 100A (T5) at 6600V
Rated Voltage:	Up to 6600V
IP-grade:	IP 56
Rings:	Brass, copper, silver plated copper and gold plated copper
Brushes:	Copper alloy and silver graphite
Cable entries:	Prepered for EEx e cable glands or Multi Cable Transit frames
Housing:	Painted carbon steel as standard
Painting:	According to offshore standard, NORSOK
Junction boxes:	**Brush side:** 2 off up to 1058x558x320mm
	Ring side: 2 off up to 500x500x1000mm with segregation
Options:	Centre tube for air / hydraulic, up to Ø85/75 mm
	The whole unit made of stainless steel
Heater:	Standard 230VAC self regulated anti condensation heater, approx. 100W. Other voltages available
Weight:	Approx. 5-600 kg

Typical configuration:

Type	Number of rings	Power	Signals
S-600 or S-600T	71+PE	6 rings 400A/690VAC+PE 21 rings 25-50A/415VAC	33 rings 10A/24VDC 10 rings silver for IS

Other configurations are available on request.