

Earth-Rite® TELLUS II

Technical Specification (IECEX / ATEX)

- Bright flashing green LED indicates positive earthing to operators and production managers.
- Two volt free relay contacts to interlock process machinery or alarms if positive earth connection is lost.
- Certified for installation in all hazardous zones (ATEX IIC / Class I, Div 1).
- Cost effective flexible and simple installation close to the process.
- Interfaces with full range of Cen-Stat clamps, connectors and cables to suit a variety of earthing situations.



Ordering Information for ATEX Approved Version

Ordering Code	Product Description	Approvals
TEL2E1B	Earth-Rite TELLUS 110-230Vac; Dual Circuit Clamp; 5m Blue Spiral Cable	IECEX / ATEX
TEL2U1B	Earth-Rite TELLUS 110-230Vac; Dual Circuit Clamp; 5m Blue Spiral Cable	cCSAus


IECEX
SIL 2


Technical Specification for IECEx / ATEX Approved Version

TELLUS Monitoring Unit

Power supply	110V - 230V 50/60Hz (96V - 253V)
Power rating	6 watt
Ambient temperature range	-20°C to +60°C
Ingress protection	IP66
Weight	4kg (nett)
Construction	Static Dissipative Glass-Reinforced Polyester
Operational ground resistance	</= 10 Ohm
Control contact rating	2 off voltage free switch contacts, Minimum load: 12V / 100 uA; Maximum load DC: 250V / 2 A Maximum load AC: 250V / 4 A Maximum AC switching power: 1000 VA Recommended contact back-up fuse: </= F 4 A AC / 2 A DC
Cable entries	3 x 20mm diameter holes in bottom of enclosure
Certification	Ex II (1) GD [Ex ia Ga] IIC, [Ex ia Da] IIIC [Ex ia Ga] IIC [Ex ia Da] IIIC -20°C to +60°C

TELLUS Junction Box

Enclosure	GRP with carbon loading
Terminals	6 x 4mm sq conductor capacity
Indicator	Flashing Green LED
Stowage device	Insulated 20mm (3/4") Ø pin
Ingress Protection	IP66
Cable entries	3 x M20 (Quick connector supplied for clamp cable)
Certification	Ex II 1GD Ex ia IIIC T135°C Da IP66 Ex ia IIC T4 Ga; Ta = -20°C to +70°C

Earthing Clamp

Clamp design	2 pole with tungsten carbide contacts
Certification	II 1 GD T6
Body	Stainless steel

Cen-Stat Spiral Cable

Cover	Blue hytel sheath (chemical & abrasion resistant) Static dissipative
Conductors	2 x 1.00mm² copper

NB: In line with our policy of continual product development, we reserve the right to alter specifications at any time.

The Earth-Rite TELLUS forms part of the Earth-Rite range of Static Grounding and Bonding Equipment available from Newson Gale



Leading the way in hazardous area static control

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