

Earth-Rite TELLUS

Technical Specification (ATEX)



- Bright flashing green LED indicates positive earthing to operators and production managers.
- Volt free relay contact to interlock process machinery or alarms if positive earth connection is lost.
- Certified for installation in all hazardous zones (ATEX IIC).
- 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

Part No.	Ordering Description
TEL1A1B/X	Earth-Rite Tellus 230Vac; Dual Circuit Clamp; 5m Blue Spiral Cable
TEL1B1B/X	Earth-Rite Tellus 110Vac; Dual Circuit Clamp; 5m Blue Spiral Cable
TEL1A1B/A	Earth-Rite Tellus 230Vac; Dual Circuit Clamp; 5m Blue Spiral Cable; In-Line Quick Connect
TEL1B1B/A	Earth-Rite Tellus 110Vac; Dual Circuit Clamp; 5m Blue Spiral Cable; In-Line Quick Connect



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TELLUS Monitoring Unit

Power Supply and Power Rating	110V - 230V \pm 10% 50/60 Hz; 9 Watts
Operational Ambient Temperature Range	-20°C to +40°C
Weight	3kgs
Enclosure Construction	Thermo-Plastic
Operational Earth Resistance	<100 Ohm, switchable <10 Ohm
Ingress Protection	IP65
Control Contact Rating	1 voltage free switch contact 240Vac / 2A / $\cos\phi > 0.7$ 120Vac / 4A / $\cos\phi > 0.7$ 40Vdc / 2A resistive load
Connection Status Indicator LEDs	Flashing Green LED indicates positive static connection <10 Ohm
Cable Entries	3 x 20mm diameter holes in bottom of control unit
Certification	SIRA 07ATEX2215; II (1) GD (Ga) (Da) [Ex ia] IIC

TELLUS Indicator

Enclosure	GRP with carbon loading
Terminals	6 x 4mm sq. conductor capacity
Stowage Device	Insulated 20mm diameter pin
Cable Entries	4 x 20mm Nylon compression gland for spiral cable
Certification	SIRA 07ATEX2189; (Gb) (Db) [Ex ia] T4; Ta=-20°C to +70°C
Operational Ambient Temperature Range	-20°C to +70°C
Earthing Clamp	
Clamp Design	2 pole with tungsten carbide tips
Certification	II (1) GD T6
Body	Stainless Steel
Ingress Protection	IP65
Cen-Stat Retractable Cable	
Cover	Blue Hytrel sheath (static dissipative, chemical & abrasion resistant)
Conductors	2 x 1.00mm ² copper

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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