

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	Earth-Rite Tellus 230Vac; Dual Circuit Clamp; 5m Blue Spiral Cable
TEL1B1B	Earth-Rite Tellus 110Vac; Dual Circuit Clamp; 5m Blue Spiral Cable



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Newson Gale | For over 25 years Newson Gale has been supplying the chemical and processing industry worldwide with market leading range of static control products ensuring people and plant are protected from static related fires and explosions.



Technical Specification for ATEX Approved Version

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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