

Earth-Rite *TELLUS*

Technical Specification (FM/FMc)



- Bright flashing green LED indicates positive grounding to operators and production managers.
- Volt free relay contact to interlock process machinery or alarms if positive ground connection is lost.
- Approved for installation in the majority of hazardous locations (FM & FMc).
- 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 grounding situations.

Ordering Information

Part No.	Ordering Description
TEL2A2B/X	Earth-Rite Tellus 230Vac; GAT-IP Clamp; 5m Blue Spiral Cable
TEL2B2B/X	Earth-Rite Tellus 110Vac; GAT-IP Clamp; 5m Blue Spiral Cable
TEL2A2B/A	Earth-Rite Tellus 230Vac; GAT-IP Clamp; 5m Blue Spiral Cable; In-Line Quick Connect
TEL2B2B/A	Earth-Rite Tellus 110Vac; GAT-IP Clamp; 5m Blue Spiral Cable; In-Line Quick Connect

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

Earth-Rite **TELLUS**

Technical Specification for FM & FMc 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	FM 3032464: Class I, II & III, Division 1, Groups A, B, C, D, E, F & G FMC 3032464C: Class I, II & III, Division 1, Groups A, B, C, D, E, F & G

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	FM 3032464: Class I, II & III, Division 1, Groups A, B, C, D, E, F & G FMC 3032464C: Class I, II & III, Division 1, Groups A, B, C, D, E, F & G
Operational Ambient Temperature Range	-40°C to +60°C
Earthing Clamp	
Clamp Design	2 pole with stainless steel tips
Body	Cast Alloy
Cen-Stat Retractable Cable	
Cover	Blue Hytel sheath (static dissipative, chemical & abrasion resistant)
Conductors	2 x 1.00mm ² copper

The Earth-Rite TELLIS 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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