

## Earth-Rite® TELLUS II

### Technical Specification (cCSAus)

- 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 (Class I, Div 1 / 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 North American Version

Ordering Code	Product Description	Approvals
TEL2U1B	Earth-Rite TELLUS 110-230Vac; 2 Pole Clamp; 5m Blue Spiral Cable	cCSAus
TEL2E1B	Earth-Rite TELLUS 110-230Vac; 2 Pole Clamp; 5m Blue Spiral Cable	IECEX / ATEX


**IECEX**
**SIL 2**


## Technical Specification for cCSAus Version

### TELLUS Monitoring Unit - for installation in unclassified location

Power supply	110 V - 230 V 50/60Hz (96 V - 253 V)
Power rating	6 watt
Maximum ambient temperature	-20°C to 60°C (-4°F to +140°F)
Ingress protection	IP66 Type 4X
Weight	4kg (nett) (8.8lbs)
Construction	Static Dissipative Glass-Reinforced Polyester (SDP)
Operational ground resistance	</= 10 Ohm
Control contact rating	2 off voltage free switch contact, Minimum load: 12 V / 100 uA Maximum load DC: 250 V / 2 A Maximum load AC: 250 V / 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	Canada: [Ex ia IIC] USA: [AEx ia IIC] [AEx iaD]

### TELLUS Junction Box - for installation in hazardous (classified) location

Enclosure	GRP with carbon loading
Terminals	6 x 4mm <sup>2</sup> conductor capacity
Indicator	Flashing Green LED
Stowage device	Insulated 20mm (3/4")Ø pin
Ingress Protection	IP66 Type 4X
Cable entries	3 x M20 (Quick connector supplied for clamp cable)
Certification	Class I, Div 1, Groups A B, C, D Class II, Div 1, Groups E, F, G, Class III
Temperature	-20°C to +70°C (-4°F to +158°F)

### Grounding Clamp

Clamp design	2 pole with tungsten carbide contacts
Body	Stainless steel

### Cen-Stat Spiral Cable

Cover	Blue hytel sheath (chemical & abrasion resistant) Static dissipative
Conductors	2 x 1.00mm <sup>2</sup> 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

[www.newson-gale.com](http://www.newson-gale.com)



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