

Grounding monitoring devices and systems

Grounding monitoring device Single-channel

STAHL

9780/20411-20-2 Art. No. 268912



- Salt water-resistant aluminium (LM6 Material)
- Ambient temperature of -20 to +60 °C
- Gas group approval for IIB+H2
- Degree of protection (IP66)

MY R. STAHL 9780A



The ground monitoring device ensures the electrostatic grounding of road tankers, rail cars and Big Bag

(Rev. C) while loading flammable liquids and powder. The device provides a conductive connection to the ground and monitors in parallel the quality of the electrostatic grounding. This guarantees that the electrostatic charge remains at a safe level and that no explosion hazard is generated by uncontrolled energy discharge. The following recommendation requires grounding during loading and recommends interrupting loading in case of incorrect grounding:

- CLC/TR 60079-32-1 recommendation for avoiding ignition hazards due to electrostatic charges.
- TRBS 727 rules for avoiding ignition hazards as a result of electrostatic charges.

Technical Data

Explosion Protection

Application range (zones)	1, 2
Ex interface zone	1, 2
Certificates	India (PESO)

Electrical Data

Number of channels	1
--------------------	---

Auxiliary Power

Auxiliary power	230 V
Nominal voltage 2 AC	99 ... 121 V
Nominal current	12 mA

Output

Limit contact	1 change-over contact
---------------	-----------------------

Device Specific Data

Application	Tank containers, barrels, IBCs, Road tanker, tank wagon
-------------	---

Mechanical Data

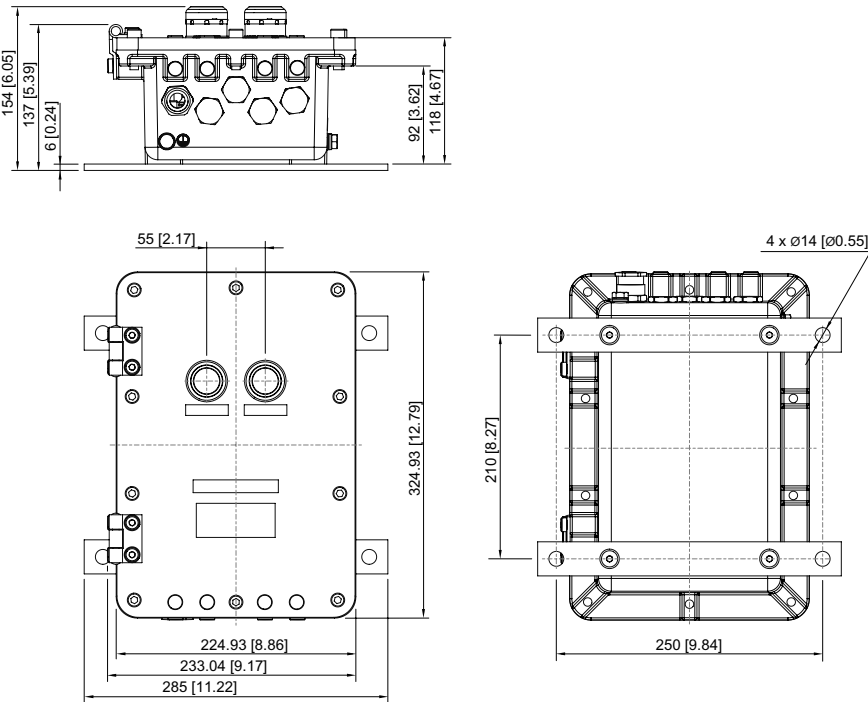
Degree of protection (IP)	IP66
Degree of protection (IP) (IEC 60529)	IP66
Enclosure material	Salt water-resistant aluminium
Silicone-free	No
Width	225 mm
Width, inches	8.86 in
Height	325 mm
Height in inches	12.8 in
Depth	154 mm

9780/20411-20-2 Art. No. 268912

Mechanical Data

Depth in inches	6.06 in
Weight	12 kg
Weight	26.46 lb

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.