GROUND CLAMP AND JUNCTION BOX



** Referential image*
*** Some features may vary without prior notice. Sale subject to inventory availability*

DATE
: 11/23/2026 08:18 PM

SKU
: 27302

BRAND
: DIXON VALVE

MODEL
: A540CSB0251

Applications:
Tank truck and railcar loading facilities
Drum and barrel filling sites
Loading of stationary tanks
Specifications:
Ingress protection: weatherproof, raintight, and dust tight
Conduit entries: one 3/4” trade size hole and a factory-installed cable on the bottom
Suitable for installation in hazardous locations: Class I, Division 1 & 2, Groups B, C, and D hazardous locations, Class II, Division 1 & 2, Groups E, F, and G hazardous locations and Class III hazardous locations
Suitable for connection to hazardous locations: Class I, Division 1 & 2, Groups A, B, C, and D hazardous locations and Class I, Zone 0, 1 & 2, Groups IIC, IIB, and IIA hazardous locations
Recommended wire between controller and the clamp: 18 GA stranded copper wire (THHN)
Features:
Clamp is tethered to the cable by a stainless steel strap that protects the connection from strain and wear
Pull-out resistant cord grip on junction box holds cable tighter the harder it is pulled
Junction box creates convenient service point for hazardous location installations
Coiled cable provides compact storage
Strong clamping force penetrates grime and remains connected during loading process
Provides ground and a ground-verification signal in a single clamp
Installation
Installation must be completed by a qualified professional. A540-Series ground clamps are suitable for installation and use in ordinary and specific hazardous locations as defined by NEC NFPA70 and IECEx standard 60079.

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Note:

Includes high-durability cable and junction box

Safety notes:

WARNING: Cancer and Reproductive Harm- www.P65Warnings.ca.gov

1. Verify process controller is powered on and idle.
2. Test the controller's operation by clamping to a known grounded piece of metal. Verify the controller's indicator changes from RED to GREEN. Remove the clamp from the test point.
3. Before any other electrical connections are made, secure the A540 clamp to the process connection that is to be loaded.
4. Verify the process controller's indicator changes from RED to GREEN.
5. Complete any other process connections.
6. Once all other safety measures are active, begin the loading process.
7. Once loading is complete, remove all other process connections, then the A540 last.
8. Return the A540 clamp to the isolated storage facility, verifying the indicator remains red

TECHNICAL SPECIFICATIONS

Material	Jacket: thermoplastic elastomer, Teeth: stainless steel
Factory Part Number	A540CSB0251
Temperature Range	-40°F to 194°F (-40°C to 90°C)

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