

8510/122-06-200-00 Art. No. 145825



- Isolator system for process automation
- Connecting all types of sensors, actuators and transmitters
- Easy and safe installation

MY R. STAHL 8510V



The R. STAHL Series 8510 transmitter supply unit is part of an isolator system for process automation and the connection of all types of sensors, actuators and transmitters. It is screwed into Ex e enclosures so that it is protected against vibrations, while easily accessible terminals simplify installation and ensure safe connections.

Technical Data

Explosion Protection

| | |
|---------------------------|--|
| Application range (zones) | 1, 2 |
| Certificates | ATEX (BVS), Brazil (ULB), Canada (FM), China (CQST), IECEx (BVS), USA (FM) |

Safety Data

| | |
|--------------------|--------|
| Max. voltage U_0 | 27 V |
| Max. current I_0 | 88 mA |
| Max. power P_0 | 576 mW |

Electrical Data

| | |
|----------------------------|-------|
| Max. nominal current I_n | 70 mA |
|----------------------------|-------|

Ambient Conditions

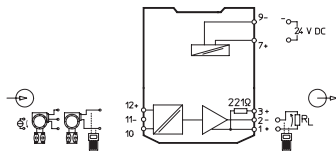
| | |
|---------------------|-------------------|
| Ambient temperature | -20 °C ... +60 °C |
|---------------------|-------------------|

Mechanical Data

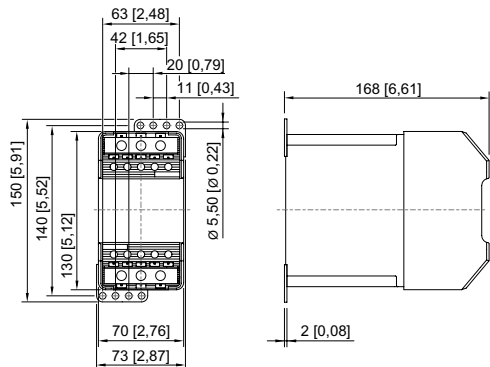
| | |
|--|--------------------------|
| Degree of protection (IP) | IP20 |
| Enclosure material | Epoxy resin |
| Min. connection terminals | 1.5 mm ² |
| Max. solid connection terminals | 10 mm ² |
| Max. finely stranded connection terminals | 6 mm ² |
| Max. auxiliary contact connection cross-section, solid | 2.5 mm ² |
| Max. auxiliary contact connection cross section, finely stranded | 1.5 mm ² |
| Type of connection cable | Solid Finely stranded |
| Width | 70 mm |
| Height | 130 mm |
| Depth | 168 mm |
| Weight | 1.47 kg |
| Weight | 3.24 lb |

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Technical Drawings – Subject to Alterations



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



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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.