

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
IECEX gas certificate	IECEX BVS 07.0029U
IECEX gas explosion protection	Ex de IIC
IECEX firedamp certificate	IECEX BVS 07.0029U
IECEX firedamp protection	Ex de I
ATEX gas certificate	DMT 00 ATEX E 073 U
ATEX gas explosion protection	Ex II 2 G Ex de IIC
ATEX firedamp certificate	DMT 00 ATEX E 073 U
ATEX firedamp protection	Ex I M2 Ex de I
Certificates	ATEX (BVS), Brazil (ULB), Canada (FM), China (CQST), IECEX (BVS), USA (FM)

### Safety Data

Max. voltage $U_o$	27 V
Max. current $I_o$	88 mA
Max. power $P_o$	576 mW

### Electrical Data

Max. nominal current $I_n$	70 mA
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### Ambient Conditions

Ambient temperature	-20 °C ... +60 °C
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### Mechanical Data

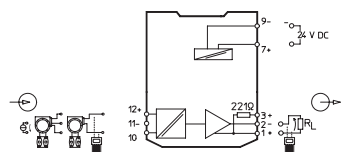
Degree of protection (IP)	IP20
Enclosure material	Epoxy resin
Min. connection terminals	1.5 mm <sup>2</sup>
Max. solid connection terminals	10 mm <sup>2</sup>
Max. finely stranded connection terminals	6 mm <sup>2</sup>
Max. AUXCON con. cr.-sec solid	2.5 mm <sup>2</sup>
Max. auxiliary contact connection cross section, finely stranded	1.5 mm <sup>2</sup>

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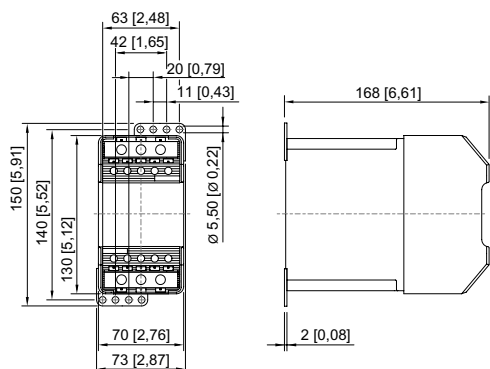
**Mechanical Data**

Type of connection cable	Solid Finely stranded
Width	70 mm
Height	130 mm
Depth	168 mm
Weight	1.47 kg
Weight	3.24 lb

**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.