

Components for system solutions

Transmitter supply unit (error detection OFF)



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

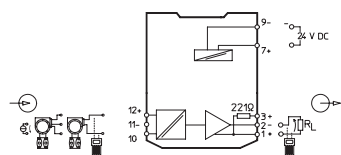
Degree of protection (IP)	IP20
Enclosure material	Epoxy resin
Min. connection terminals	1.5 mm ²
Max. solid connection terminals	10 mm ²
Max. finely stranded connection terminals	6 mm ²
Max. auxiliary contact connection cross-section, solid	2.5 mm ²

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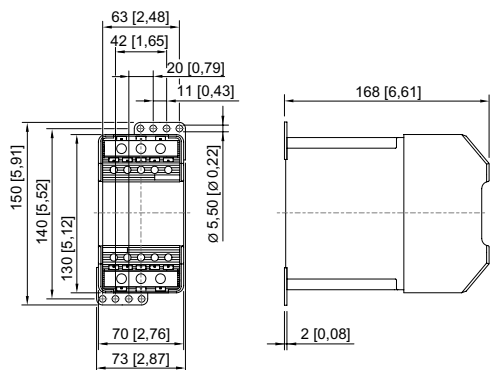
Mechanical Data

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	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.