

8510/122-30-200-030 Art. No. 211142



- Constant power supply for control circuits
- Protected against sustained short-circuit current, overload and idle running
- Corrosion-resistant enclosure material

MY R. STAHL 8510Y



The R. STAHL Series 8510 power supply provides a constant power supply for control circuits. It is protected against sustained short-circuit current, overload and idle running and is therefore extremely reliable in operation. It can be screwed into Ex e enclosures so that it is protected against vibrations, while easily accessible connection terminals simplify installation.

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	Brazil (ULB), Canada (FM), China (CQST), IECEX (BVS), USA (FM)

Electrical Data

Input voltage	100 to 240 V AC
Input current	1 A (100 A AC)
Output current	2.1 A
Frequency Hz (for AC)	60 50

Output

Output voltage	24.5 V DC
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Ambient Conditions

Ambient temperature	-10 °C ... +60 °C
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Mechanical Data

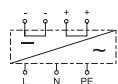
Degree of protection (IP)	IP20
Enclosure material	Epoxy resin
Min. connection terminals	1.5 mm ²
Max. solid connection terminals	10 mm ²
Max. finely stranded connection terminals	6 mm ²

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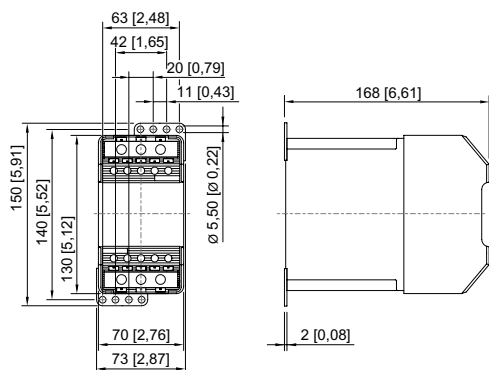
Mechanical Data

Type of connection cable	Solid Finely stranded
Width	70 mm
Height	130 mm
Depth	168 mm
Weight	5.73 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.