

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 fitted in Ex e enclosures using an anti-vibration screw connection, easily accessible 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

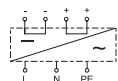
Degree of protection (IP)	IP20
Enclosure material	Epoxy resin
Min. connection terminals	1.5 mm <sup>2</sup>
Max. solid connection terminals	10 mm <sup>2</sup>
Max. finely stranded connection terminals	6 mm <sup>2</sup>

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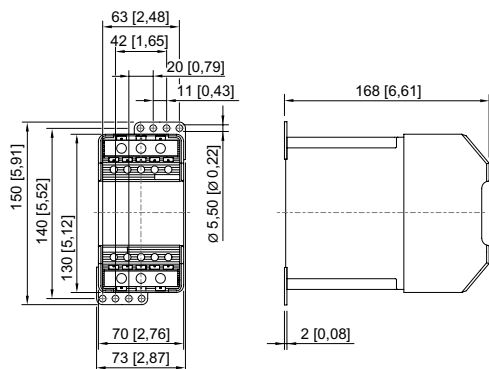
**Mechanical Data**

Type of connection cable	Solid Finely stranded
Width	70 mm
Height	130 mm
Depth	168 mm
Weight	2.6 kg
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.