

8510/132-30-100-020 Art. No. 211092



- 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 | 220 to 240 V AC |
| Input current | 1.6 A (100 A AC) |
| Output current | 3 A |
| Frequency Hz (for AC) | 60 50 |

Output

| | |
|----------------|-----------|
| Output voltage | 24.5 V DC |
|----------------|-----------|

Ambient Conditions

| | |
|---------------------|-------------------|
| Ambient temperature | -10 °C ... +60 °C |
|---------------------|-------------------|

Mechanical Data

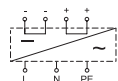
| | |
|---|---------------------|
| Degree of protection (IP) | IP20 |
| Enclosure material | Epoxy resin |
| Min. connection terminals | 1.5 mm ² |
| Max. solid connection terminals | 10 mm ² |
| Max. finely stranded connection terminals | 6 mm ² |

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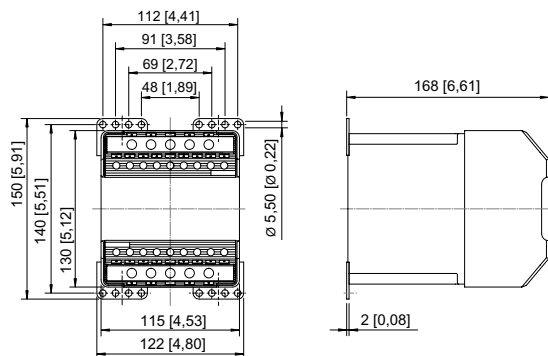
Mechanical Data

| | |
|--------------------------|--------------------------|
| Type of connection cable | Solid Finely stranded |
| Width | 115 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



8510/132

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.