

Small fuse element

3.150 A

8560/51-4242 Art. No. 149171



- Cost-effective miniature fuse for control circuits
- Disconnect characteristics of fast, medium fast and slow
- Terminal cover with finger protection: IP20

MY R. STAHL 8560A



The R. STAHL Series 8560 small fuse element is a cost-effective miniature fuse for control circuits. It is designed for rated operational voltages up to 500 V and rated operational currents up to 6.3 A and is available with various disconnect characteristics. It is snap-mounted on normal rails (TS 15, 35, 32). The terminal cover with finger protection meets the specifications of the degree of protection IP20.

Technical Data

Explosion Protection

Scope of validity	European Union (ATEX) IECEX
Application range (zones)	1 2
IECEX gas certificate	IECEX PTB 06.0056U
IECEX gas explosion protection	Ex eb mb IIC T4 ... T6 Gb
ATEX gas certificate	PTB 99 ATEX 2158 U
ATEX gas explosion protection	Ⓔ II 2 G Ex eb mb IIC T4 ... T6 Gb
Certificates	ATEX (PTB), Brazil (ULB), IECEX (PTB)
Notes	Product label may vary. Series devices are labelled with ATEX and IECEX.

Electrical Data

Rated operational voltage AC	250 V
Rated operational current	3.15 A
Rated breaking capacity max	35 A
Characteristic	Time lag

Ambient Conditions

Ambient temperature	-50 °C ... +70 °C (T4) -50 °C ... +70 °C (T5) -50 °C ... +56 °C (T6)
Ambient temperature	-58 °F ... +158 °F (T4) -58 °F ... +158 °F (T5) -58 °F ... +132 °F (T6)
Storage temperature	-25 °C ... +70 °C
Storage temperature	-13 °F ... +158 °F

Mechanical Data

Degree of protection (IP)	IP20
Enclosure material	Polyamide

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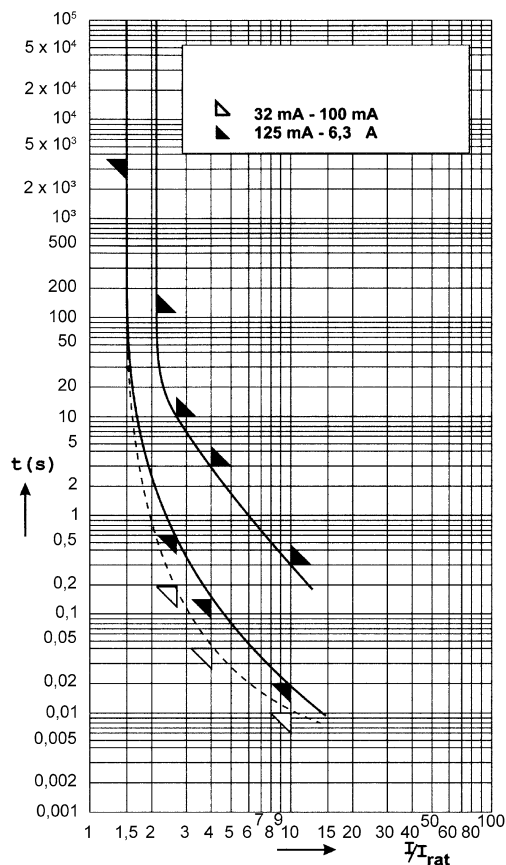
Mechanical Data

Connection cross section	0.75 ... 2.5 mm ²
Connection cross-section AWG	20 AWG ... 14 AWG
Type of connection cable	Finely stranded Stranded
Width	18.5 mm
Width in inches	0.73 in
Height	40 mm
Height, inches	1.58 in
Length	46 mm
Length, inches	1.81 in
Packaging unit	5
Weight	210 g
Weight	0.46 lb
Note	The fuse can be snap-mounted on the following mounting rails: DIN rail TS 15 (according to DIN EN 60715) DIN rail TS 35 x 7.5 (according to DIN EN 60715) G-rail TS 32 (according to DIN EN 60715) Replacement of the fuse must only be performed when the system is disconnected.

Mounting / Installation

Tightening torque	1.2 Nm
Tightening torque lbf in	10.62 lbf in

Technical Drawings – Subject to Alterations



8560/51-...2, 250 V, time lag

Components for System Solutions

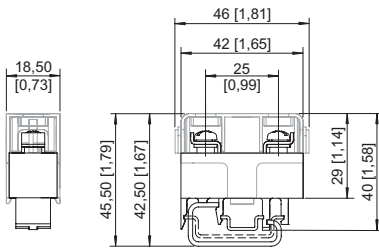
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Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



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.