

8510/122-06-601-00 Art. No. 165531



- Relay module for installation in Ex e enclosures
- Isolator system for process automation
- Connection of sensors, actuators and transmitters

MY R. STAHL 8510W



Series 8510 Ex i relay modules are used as an isolator system for process automation and for connecting sensors, actuators and transmitters. They are installed in Ex e enclosures. Outputs and auxiliary power are galvanically separated from one another.

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	⊕ II 2 G Ex de IIC
ATEX firedamp certificate	DMT 00 ATEX E 073 U
ATEX firedamp protection	⊕ I M2 Ex de I
Certificates	ATEX (BVS), Brazil (ULB), Canada (FM), China (CQST), IECEX (BVS), USA (FM)

Safety Data

Max. voltage U_o	30 V
Max. current I_o	150 mA
Max. power P_o	1.3 mW

Ambient Conditions

Ambient temperature	-20 °C ... +60 °C
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Mechanical Data

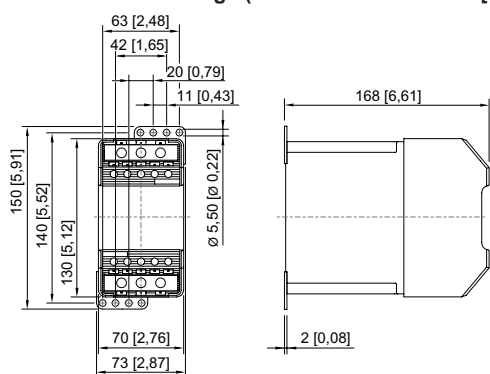
Degree of protection (IP)	IP20
Enclosure material	Epoxy resin
Min. connection terminals	1.5 mm ²
Max. solid connection terminals	10 mm ²
Max. finely stranded connection terminals	6 mm ²
Min. auxiliary contact connection terminals	0,75 mm ²
Max. auxiliary contact connection cross-section, solid	2.5 mm 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	1.47 kg
Weight	3.24 lb

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.