

8510/122-06-022-11 Art. No. 210996



- 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 explosion protection	Ex db eb [ia Ga] IIC/IIB
IECEX firedamp protection	Ex db eb I
ATEX gas explosion protection	Ⓔ II 2 G Ex db eb [ia Ga] IIC/IIB
ATEX firedamp protection	Ⓔ I M2 Ex db eb I
Certificates	ATEX (BVS), Brazil (ULB), Canada (FM), China (CQST), IECEX (BVS), USA (FM)

Safety Data

Max. voltage U_o/V_{oc}	9.6 V
Max. current I_o/I_{sc}	10 mA
Max. power P_o	24 mW

Electrical Data

Number of channels	2
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Auxiliary Power

Nominal voltage V_{nom}	120 V / 230 V AC
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Output

Output per channel	2 change-over contact
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Ambient Conditions

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

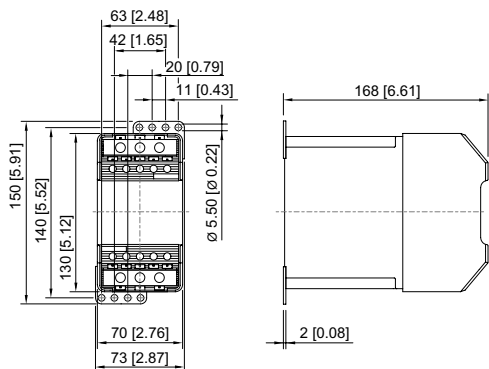
Degree of protection (IP)	IP20
Enclosure material	Epoxy resin
Min. connection terminals	1.5 mm ²
Max. solid connection terminals	10 mm ²
Max. finely stranded connection terminals	6 mm ²
Min. auxiliary contact connection terminals	0,75 mm ²
Max. auxiliary contact connection cross-section, solid	2.5 mm 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
Built-in device	9170/21-12-21
Weight	1.47 kg
Weight	3.24 lb

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



8510/122

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.