

8510/122-06-602-00 Art. No. 200381



- Relay module for installation in Ex e enclosures
- Isolator system for process automation
- Connecting 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

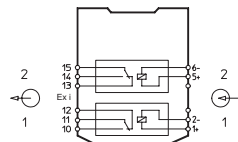
Explosion Protection	
Application range (zones)	1, 2
IECEX gas certificate	IECEX BVS 07.0029U
IECEX gas explosion protection	Ex de IIC
IECEX firedamp certificate	IECEX BVS 07.0029U
IECEX firedamp protection	Ex de I
ATEX gas certificate	DMT 00 ATEX E 073 U
ATEX gas explosion protection	⊕ II 2 G Ex de 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)
Ambient Conditions	
Ambient temperature	-20 °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
Min. auxiliary contact connection terminals	0,75 mm ²
Max. auxiliary contact connection cross-section, solid	2.5 mm ²
Max. auxiliary contact connection cross-section, finely stranded	1.5 mm ²
Type of connection cable	Finely stranded Solid
Width	70 mm
Height	130 mm

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Mechanical Data

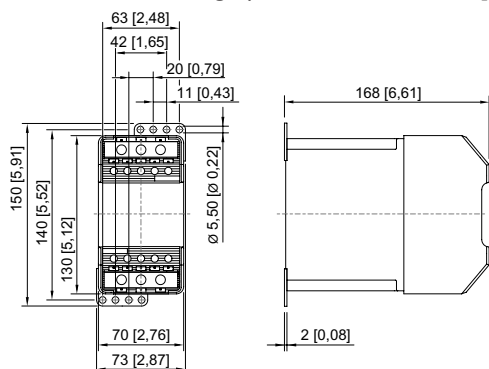
Depth	168 mm
Weight	3.24 lb

Technical Drawings – Subject to Alterations



2-channel, 1 change-over contact (125 V/4 A)

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.