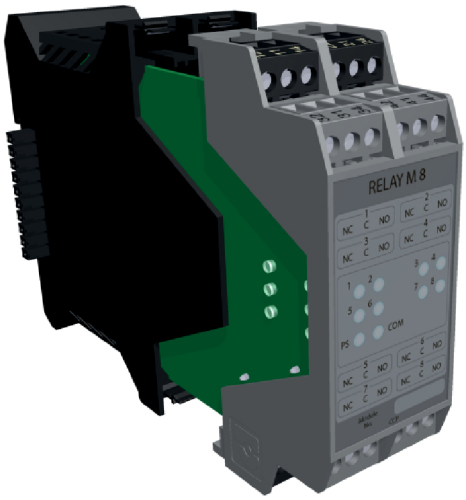


G015077

Relay M 8

Part no. 5100080, 5100081

System: Salwico Cargo, Salwico Cruise, Salwico LNG, Salwico Offshore, Salwico Ro/Pax, Salwico Workboat, Salwico Yacht, Salwico Navy, OEM Extinguish, CGD50/500

General Description

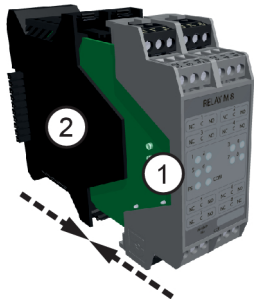
Relay M 8 provides eight programmable relay contacts. Each of these relay contacts provide a potential free change-over contact.

Use Relay M 8 to control units such as sirens, magnets, flashlight, alarms and ventilation fans.

For details on assembling a system and definitions of common system terms, refer to the Installation Manual.

About the datasheet

This data sheet contains product information for the following relay units (1) and (2):



G015078

Item	Part name
1	PCB module
2	Housing

Data

Operating voltage range	19-30 VDC
Max. DC load (resistive) per channel	5 A / 30 VDC
Max. AC load (resistive) per channel	5 A / 250 VAC
Current consumption (at 24 V)	11 mA
Max total current consumption	86 mA
Cable terminals	2.5 mm^2
Operating temperature range	-5°C to +55°C
Weight (with housing)	230g
Certified according to	CE 09 2531-CPR-232.1686 DOP no.6301900

Parts Fire SW:

Item	Part name	Part no.
1 & 2	Relay M 8 module (fully assembled)	5100081-02A
1 + 2	Relay M 8 module (delivered as two parts)	5100081-01A
1	Spare part: PCB module	5100080-03A
2	Spare part: Housing	5100104-01A

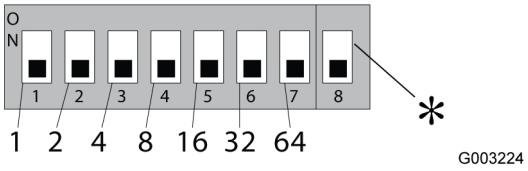
Parts Gas SW:

Item	Part name	Part no.
1 & 2	Relay M 8 module (fully assembled)	5100080-22A
1 + 2	Relay M 8 module (delivered as two parts)	5100080-21A
1	Spare part: PCB module	5100080-20A
2	Spare part: Housing	5100104-01A

Settings

The module is identified by a physical address on the Backbone Bus. The address is set with an 8-pole DIP switch.

The DIP switch value follows the binary system. The address no. can be set using DIP-switch poles 1 to 7.



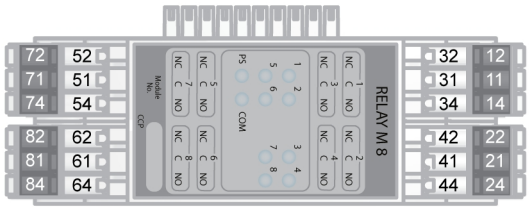
G003224

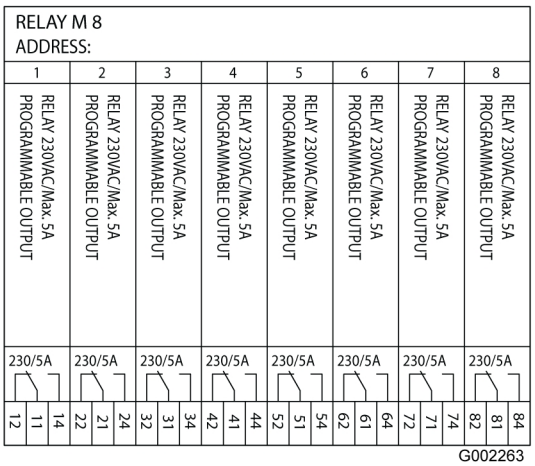
DIP 8

NOTE!
Depending on if the module Relay M 8 is used in a fire or gas detection system, set DIP switch 8 according to the table below.

System	DIP switch 8
Fire detection system	OFF
Gas detection system	ON

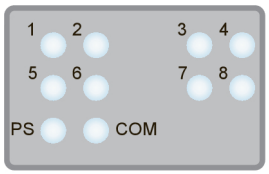
Connections



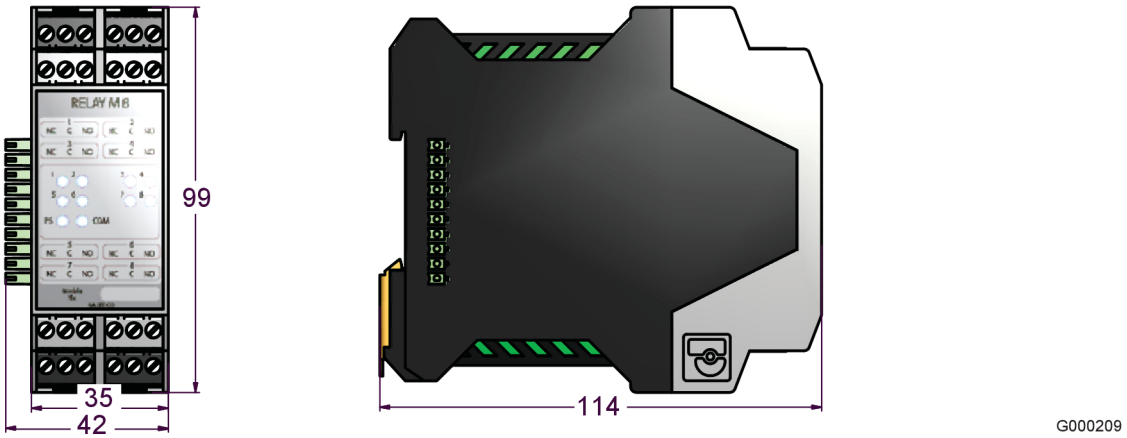


G002263

Indicators

Front label	Indicator	Colour, pattern	Module status
 G005375	Relay 1 – 8	Green	The relay is activated (C and NO terminals connected)
		Yellow	The relay has an internal fault
		None	The relay is deactivated (C and NC terminals connected)
	PS (Power Supply)	Green	Power OK
		Yellow	Power Fault
	COM (Communication)	Green	Communication OK
		Green, flashing	Communication OK, module not configured
		Yellow	Communication fault
	PS + COM	PS = Yellow, flashing COM = Green	Boot-loader mode
	PS + COM (both flashing)	PS = Yellow, flashing COM = Yellow, flashing	Boot-loader mode, Firmware download in progress
	PS + COM	PS = Yellow, flashing COM = None	Safe State (module is not functional)

Module Dimensions (mm)



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Mounting

Mount the module on a horizontal 35 mm DIN rail.