

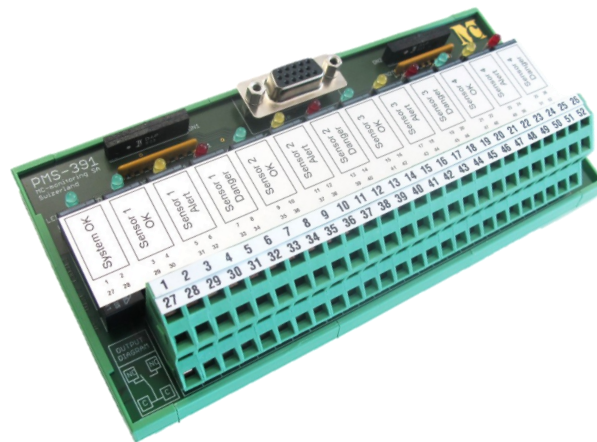
Relay Extension Module

PMS-391

FEATURES

- 13 independents relays outputs
- LED visualisation for each relay
- Maximum switching capacity 10A at 250VAC and 0.2A at 300VDC
- Maximum operate time for each relay 10ms
- Maximum release time for each relay 5ms
- Directly connected to Sensor OK, Sensor Alert, Sensor Danger and System OK function from each channel
- Normally Open and Normally Closed contact available

Related systems :



DESCRIPTION

The PMS-391 is a relay extension module designed to complete either a PMS-300 system or a PMM-300 module. It goes directly connected to the digital outputs through a 15 poles high density D-Sub cable. Each relay is soldered on the module and is not detachable.

GLOBAL SPECIFICATION

ELECTRICAL CHARACTERISTICS

Contact type	SPDT (NO / NC)
Contact specifications	10A@250VAC 0.2A@300VDC 5A@30VDC
Endurance	50'000 operations min. at full load (resistive load)
Power consumption	Approx. 200mW
Coil rated voltage	24VDC
Coil resistance	2.6KΩ
Input voltage requirement	
For operation	16.8VDC min.
For release	2.4VDC max.

ENVIRONMENTAL

Temperature range	
Operation	-40°C to +85°C
Storage	-40°C to +85°C

PHYSICAL CHARACTERISTICS

Mounting	DIN rail
Terminals	Terminals
Relay contact	Push in
Inputs	15p high density D-SUB
Dimensions (WxDxH)	157.4 x 77 x 51.7 mm
Cable lengths availability	2m or 3m

ELECTRICAL OUTPUTS CONNECTIONS

Push in terminals

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
NO	NC	NO	NC	NO	NC	NO	NC	NO	NC	NO	NC	NO	NC	NO	NC	NO	NC	NO	NC	NO	NC	NO	NC	NO	NC
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
COM		COM		COM		COM		COM		COM		COM		COM		COM		COM		COM		COM		COM	
System OK		OK		Alert		Danger		OK		Alert		Danger		OK		Alert		Danger		OK		Alert		Danger	
				Sensor 1						Sensor 2						Sensor 3						Sensor 4			

ELECTRICAL INPUT CONNECTIONS

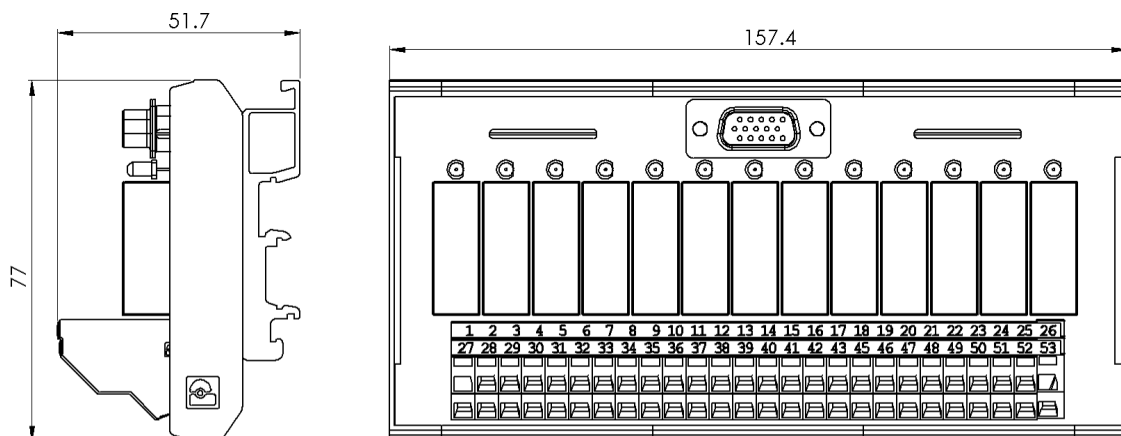
D-SUB terminal

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
System OK	OK	Alert	Danger	OK	Alert	Danger	OK	Alert	Danger	OK	Alert	Danger		GND
		Sensor 1			Sensor 2			Sensor 3			Sensor 4			

ORDERING INFORMATION

Part type	PMS-391		
Ordering code	20.391.002	20.391.003	20.391.005
	Relay extension modules for PMS-300 and PMM-300 with 2m cable	Relay extension modules for PMS-300 and PMM-300 with 3m cable	Relay extension modules for PMS-300 and PMM-300 with 5m cable

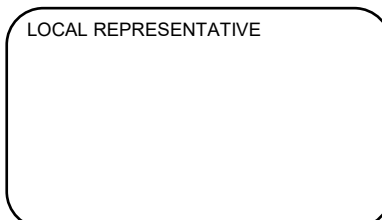
MECHANICAL DRAWING



MC-monitoring Quality certifications



LOCAL REPRESENTATIVE



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