

Product Information – Industrial Relays and Relay Modules




The demands placed on technical systems in buildings or in the industrial sector are constantly growing, and thus becoming more complex. This is due to the increasing degree of automation for safety and comfort functions. In modern building management systems, for example, motion detectors or twilight switches ensure that lamps are switched as needed. Relays are exclusively used in building automation to evaluate the signals. The compact relay modules from METZ CONNECT are not only used for a po-


tential separation between the control and sensor/actuator levels, but can also reliably switch heavy loads such as incandescent lamps, lamp loads, motors and drives thanks to their powerful relays. In addition, their compact design and modular structure make them extremely service-friendly. The integrated manual test button and the mechanical switch position indicator of the industrial relays don't only facilitate service operations but also the commissioning of complex automation projects.

Industrial Relays

- > pluggable relay for industrial use in process and industrial automation
- > 4 change over contacts (DPST), 7 A
- > socket pins as soldering lugs
- > mechanical switch position display
- > with manual test button
- > cadmium-free contacts
- > LED-indicator and free-wheeling diode (DC-version)



MC 274-SERIES	P/N	DESCRIPTION	OPERATING VOLTAGE	CONTACTS	CONTACT MATERIAL	CONTINUOUS CURRENT
	110017101407	MC274-4W 24 V AC	24 V AC	4 CO (DPST)	AgNi	7 A
	110017251407	MC274-4W 24 V DC	24 V DC	4 CO (DPST)	AgNi	7 A
	110017051407	MC274-4W 230 V AC	230 V AC	4 CO (DPST)	AgNi	7 A

SOCKETS	P/N	DESCRIPTION	TERMINAL CONNECTION
	110175	Sockets 14-poles 3-tiers	Screw Terminals
	110178	Sockets 14-poles 2-tiers	Screw Terminals
	110185	Sockets 14-poles 3-tiers	Spring-Loaded Terminals

ACCESSORIES	P/N	DESCRIPTION
	110189	Holding Bracket Plastic
	817133	Metal Holding Bracket
	11017905	RC Module 230 V AC
	11017910	RC Module 24 V AC
	850349-03	Connection Bridge

Relay Modules

- > relay module with compatible relay, socket, holding bracket, labeling field and LED-module
- > 1 and 2 change over contacts (DPST), 16 A/8 A
- > used for high loads e.g. incandescent lamp, lamp loads, motors and drives to electrical isolation between logic and load
- > high inrush version for high loads and inrush currents like LED-lighting systems



RM-SERIES	SOCKETS	P/N	DESCRIPTION	OPERATING VOLTAGE	CONTACTS	CONTACT MATERIAL	CONTINUOUS CURRENT
		11051125	RM21 24V DC	24 V DC	1 CO (DPST)	AgNi 90/10	16 A
		11051110	RM21 24V AC	24 V AC	1 CO (DPST)	AgNi 90/10	16 A
		11051105	RM21 230V AC	230 V AC	1 CO (DPST)	AgNi 90/10	16 A
	2-tiers	11050725	RM21-21 24V DC	24 V DC	2 CO (DPST)	AgNi 90/10	8 A
		11050710	RM21-21 24V AC	24 V AC	2 CO (DPST)	AgNi 90/10	8 A
		11050705	RM21-21 230V AC	230 V AC	2 CO (DPST)	AgNi 90/10	8 A
		11051225	RM1-I 24V DC	24 V DC	1 NO (SPST-NO)	AgSnO2 + W	16 A/165 A Inrush max. 20 ms
		11051325	RM3-1W 24V DC	24 V DC	1 CO (DPST)	AgNi 90/10	16 A
		11051310	RM3-1W 24V AC	24 V AC	1 CO (DPST)	AgNi 90/10	16 A
		11051305	RM3-1W 230V AC	230 V AC	1 CO (DPST)	AgNi 90/10	16 A
	3-tiers	11051025	RM3-2W 24V DC	24 V DC	2 CO (DPST)	AgNi 90/10	8 A
		11051010	RM3-2W 24V AC	24 V AC	2 CO (DPST)	AgNi 90/10	8 A
		11051005	RM3-2W 230V AC	230 V AC	2 CO (DPST)	AgNi 90/10	8 A



21	11
24	14
A2	A1
22	12



22	12
21	11
24	14
A2	A1

METZ CONNECT GmbH is member of the following organizations and associations.



METZ CONNECT GmbH

Im Tal 2
78176 Blumberg
Germany

Phone +49 7702 533-0
Fax +49 7702 533-189

info@metz-connect.com
www.metz-connect.com



METZ CONNECT USA Inc.

200 Tornillo Way
Tinton Falls, NJ 07712
USA

Phone +1-732-389-1300
Fax +1-732-389-9066

METZ CONNECT France SAS

28, Rue Schweighaeuser
67000 Strasbourg
France

Phone +33 3886 170 73
Fax +33 3886 194 73

METZ CONNECT AUSTRIA GmbH

c/o German chamber of commerce
in Austria

Schwarzenbergplatz 5, Top 3/1
1030 Vienna
Austria

Phone +43 1 227 12 64
Fax +43 1 227 12 66

METZ CONNECT Zhongshan Ltd.

Ping Chang Road
Ping Pu Industrial Park
Sanxiang Town
Zhongshan City, 528463
Guangdong Province
China

Phone +86 760 86365 055
Fax +86 760 86365 050

METZ CONNECT Asia Pacific Ltd.

Suite 1803, 18/F
Chinachem Hollywood Centre,
1 Hollywood Road, Central
Hong Kong

Phone +852 26 027 300
Fax +852 27 257 522



IGP
DQS zertifiziert nach
DIN EN ISO 9001 Reg.-Nr. 157442