

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 potential 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 <table border="1"> <tr><td>21</td><td>11</td></tr> <tr><td>24</td><td>14</td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td>A2</td><td>A1</td></tr> <tr><td>22</td><td>12</td></tr> </table>	21	11	24	14					A2	A1	22	12	11050725	RM21-21 24V DC	24 V DC	2 CO (DPST)	AgNi 90/10	8 A
		21	11																
		24	14																
A2	A1																		
22	12																		
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														

RM-SERIES	SOCKETS	P/N	DESCRIPTION	OPERATING VOLTAGE	CONTACTS	CONTACT MATERIAL	CONTINUOUS CURRENT												
		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												
	3-tiers <table border="1"> <tr><td>22</td><td>12</td></tr> <tr><td>21</td><td>11</td></tr> <tr><td>24</td><td>14</td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td>A2</td><td>A1</td></tr> </table>	22	12	21	11	24	14					A2	A1	11051305	RM3-1W 230V AC	230 V AC	1 CO (DPST)	AgNi 90/10	16 A
		22	12																
		21	11																
		24	14																
A2	A1																		
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														

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