

Pluggable interface relays and optocouplers

Ordering details – CR-M range



CR-M

The CR-M range offers the possibility of switching up to 4 different circuits with a single relay. The integrated LED and test button* allow for easy testing and commissioning. This range of relays are available at a wide range of different coil voltages and are accompanied by a wide variety of function modules. The CR-M range also includes complete versions consisting of a relay, socket, holder, marker and where applicable, function module.

Ordering details - CR-M range without LED

Rated control supply voltage	Outputs	Contact ratings	Type	Order code	Pkg qty	Weight (1 pc.) kg (lb)				
12 V DC	2 c/o (SPDT)	250 V AC, 12 A	CR-M012DC2	1SVR405611R4000	10	0.033 (0.073)				
24 V DC			CR-M024DC2	1SVR405611R1000						
48 V DC			CR-M048DC2	1SVR405611R6000						
60 V DC			CR-M060DC2	1SVR405611R4200						
110 V DC			CR-M110DC2	1SVR405611R8000						
125 V DC			CR-M125DC2	1SVR405611R8200						
220 V DC			CR-M220DC2	1SVR405611R9000						
24 V AC			CR-M024AC2	1SVR405611R0000						
48 V AC			CR-M048AC2	1SVR405611R5000						
110 V AC			CR-M110AC2	1SVR405611R7000						
120 V AC			CR-M120AC2	1SVR405611R2000						
230 V AC			CR-M230AC2	1SVR405611R3000						
12 V DC			3 c/o (SPDT)	250 V AC, 10 A			CR-M012DC3	1SVR405612R4000	10	0.033 (0.073)
24 V DC							CR-M024DC3	1SVR405612R1000		
48 V DC	CR-M048DC3	1SVR405612R6000								
60 V DC	CR-M060DC3	1SVR405612R4200								
110 V DC	CR-M110DC3	1SVR405612R8000								
125 V DC	CR-M125DC3	1SVR405612R8200								
220 V DC	CR-M220DC3	1SVR405612R9000								
24 V AC	CR-M024AC3	1SVR405612R0000								
48 V AC	CR-M048AC3	1SVR405612R5000								
60 V AC	CR-M060AC3	1SVR405612R5200								
110 V AC	CR-M110AC3	1SVR405612R7000								
120 V AC	CR-M120AC3	1SVR405612R2000								
230 V AC	CR-M230AC3	1SVR405612R3000								
12 V DC	4 c/o (SPDT)	250 V AC, 6 A			CR-M012DC4	1SVR405613R4000	10	0.033 (0.073)		
24 V DC			CR-M024DC4	1SVR405613R1000						
48 V DC			CR-M048DC4	1SVR405613R6000						
60 V DC			CR-M060DC4	1SVR405613R4200						
110 V DC			CR-M110DC4	1SVR405613R8000						
125 V DC			CR-M125DC4	1SVR405613R8200						
220 V DC			CR-M220DC4	1SVR405613R9000						
24 V AC			CR-M024AC4	1SVR405613R0000						
48 V AC			CR-M048AC4	1SVR405613R5000						
110 V AC			CR-M110AC4	1SVR405613R7000						
120 V AC			CR-M120AC4	1SVR405613R2000						
230 V AC			CR-M230AC4	1SVR405613R3000						

* Note: During the operation of the relay, the temperature of the test button will increase. In order to manually operate the test button, the supply voltage should first be disconnected. The test button is only safe to operate once it has cooled down or by using protective gloves and insulated tools. During operation, the test button should be pressed smoothly and quickly. When the test button is depressed, the n/o contacts will close and remain closed. Once the button is released, the n/o contacts change status and open. A 90 degree rotation of the test button closes and holds the n/o contacts in a closed position. Reverse rotation of the test button will once again change the status of the n/o contacts to their default open position.

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Ordering details - CR-M range with LED

Rated control supply voltage	Outputs	Contact ratings	Type	Order code	Pkg qty	Weight (1 pc.) kg (lb)				
12 V DC	2 c/o (SPDT)	250 V AC, 12 A	CR-M012DC2L	1SVR405611R4100	10	0.033 (0.073)				
24 V DC			CR-M024DC2L	1SVR405611R1100						
48 V DC			CR-M048DC2L	1SVR405611R6100						
60 V DC			CR-M060DC2L	1SVR405611R4300						
110 V DC			CR-M110DC2L	1SVR405611R8100						
125 V DC			CR-M125DC2L	1SVR405611R8300						
220 V DC			CR-M220DC2L	1SVR405611R9100						
12 V AC			CR-M012AC2L	1SVR405611R0300						
24 V AC			CR-M024AC2L	1SVR405611R0100						
48 V AC			CR-M048AC2L	1SVR405611R5100						
110 V AC			CR-M110AC2L	1SVR405611R7100						
120 V AC			CR-M120AC2L	1SVR405611R2100						
230 V AC			CR-M230AC2L	1SVR405611R3100						
12 V DC			3 c/o (SPDT)	250 V AC, 10 A			CR-M012DC3L	1SVR405612R4100	10	0.033 (0.073)
24 V DC							CR-M024DC3L	1SVR405612R1100		
48 V DC							CR-M048DC3L	1SVR405612R6100		
60 V DC	CR-M060DC3L	1SVR405612R4300								
110 V DC	CR-M110DC3L	1SVR405612R8100								
125 V DC	CR-M125DC3L	1SVR405612R8300								
220 V DC	CR-M220DC3L	1SVR405612R9100								
12 V AC	CR-M012AC3L	1SVR405612R0300								
24 V AC	CR-M024AC3L	1SVR405612R0100								
48 V AC	CR-M048AC3L	1SVR405612R5100								
110 V AC	CR-M110AC3L	1SVR405612R7100								
120 V AC	CR-M120AC3L	1SVR405612R2100								
230 V AC	CR-M230AC3L	1SVR405612R3100								
12 V DC	4 c/o (SPDT)	250 V AC, 6 A			CR-M012DC4L	1SVR405613R4100	10	0.033 (0.073)		
24 V DC					CR-M024DC4L	1SVR405613R1100				
48 V DC					CR-M048DC4L	1SVR405613R6100				
60 V DC			CR-M060DC4L	1SVR405613R4300						
110 V DC			CR-M110DC4L	1SVR405613R8100						
125 V DC			CR-M125DC4L	1SVR405613R8300						
220 V DC			CR-M220DC4L	1SVR405613R9100						
12 V AC			CR-M012AC4L	1SVR405613R0300						
24 V AC			CR-M024AC4L	1SVR405613R0100						
48 V AC			CR-M048AC4L	1SVR405613R5100						
110 V AC			CR-M110AC4L	1SVR405613R7100						
120 V AC			CR-M120AC4L	1SVR405613R2100						
230 V AC			CR-M230AC4L	1SVR405613R3100						

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Ordering details – CR-M range



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Ordering details - CR-M range with LED and free-wheeling diode

Rated control supply voltage	Outputs	Contact ratings	Type	Order code	Pkg qty	Weight (1 pc.) kg (lb)
12 V DC	2 c/o (SPDT)	250 V AC, 12 A	CR-M012DC2LD	1SVR405611R4400	10	0.033 (0.073)
24 V DC			CR-M024DC2LD	1SVR405611R1400	10	0.033 (0.073)
48 V DC			CR-M048DC2LD	1SVR405611R6400	10	0.033 (0.073)
110 V DC			CR-M110DC2LD	1SVR405611R8400	10	0.033 (0.073)
125 V DC			CR-M125DC2LD	1SVR405611R8500	10	0.033 (0.073)
220 V DC			CR-M220DC2LD	1SVR405611R9400	10	0.033 (0.073)
12 V DC	3 c/o (SPDT)	250 V AC, 10 A	CR-M012DC3LD	1SVR405612R4400	10	0.033 (0.073)
24 V DC			CR-M024DC3LD	1SVR405612R1400	10	0.033 (0.073)
48 V DC			CR-M048DC3LD	1SVR405612R6400	10	0.033 (0.073)
110 V DC			CR-M110DC3LD	1SVR405612R8400	10	0.033 (0.073)
125 V DC			CR-M125DC3LD	1SVR405612R8500	10	0.033 (0.073)
220 V DC			CR-M220DC3LD	1SVR405612R9400	10	0.033 (0.073)
12 VDC	4 c/o (SPDT)	250 V AC, 6 A	CR-M012DC4LD	1SVR405613R4400	10	0.033 (0.073)
24 V DC			CR-M024DC4LD	1SVR405614R1100	10	0.033 (0.073)
48 V DC			CR-M048DC4LD	1SVR405613R6400	10	0.033 (0.073)
110 V DC			CR-M110DC4LD	1SVR405613R8400	10	0.033 (0.073)
125 V DC			CR-M125DC4LD	1SVR405613R8500	10	0.033 (0.073)
220 V DC			CR-M220DC4LD	1SVR405613R9400	10	0.033 (0.073)

Ordering details - CR-M range with gold contacts

Rated control supply voltage	Outputs	Contact ratings	Type	Order code	Pkg qty	Weight (1 pc.) kg (lb)
24 V DC	4 c/o (SPDT)	250 V AC, 6 A	CR-M024DC4G	1SVR405618R1000	10	0.033 (0.073)
24 V AC			CR-M024AC4G	1SVR405618R0000		
110 V AC			CR-M110AC4G	1SVR405618R7000		
230 V AC			CR-M230AC4G	1SVR405618R3000		

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Ordering details – CR-M range with gold contacts and LED

Rated control supply voltage	Outputs	Contact ratings	Type	Order code	Pkg qty	Weight (1 pc.) kg (lb)		
12 V DC	4 c/o (SPDT)	250 V AC, 6 A	CR-M012DC4LG	1SVR405618R4100	10	0.033 (0.073)		
24 V DC			CR-M024DC4LG	1SVR405618R1100				
48 V DC			CR-M048DC4LG	1SVR405618R6100				
60 V DC			CR-M060DC4LG	1SVR405618R4300				
110 V DC			CR-M110DC4LG	1SVR405618R8100				
125 V DC			CR-M125DC4LG	1SVR405618R8300				
220 V DC			CR-M220DC4LG	1SVR405618R9100				
24 V AC			CR-M024AC4LG	1SVR405618R0100			10	0.033 (0.073)
48 V AC			CR-M048AC4LG	1SVR405618R5100				
110 V AC			CR-M110AC4LG	1SVR405618R7100				
120 V AC	CR-M120AC4LG	1SVR405618R2100						
230 V AC	CR-M230AC4LG	1SVR405618R3100						

Ordering details – CR-M range with gold contacts, LED and free-wheeling diode

Rated control supply voltage	Outputs	Contact ratings	Type	Order code	Pkg qty	Weight (1 pc.) kg (lb)
12 V DC	4 c/o (SPDT)	250 V AC, 6 A	CR-M012DC4LDG	1SVR405618R4400	10	0.033 (0.073)
24 V DC			CR-M024DC4LDG	1SVR405618R1400		