

Pluggable interface relays and optocouplers

Selection table CR-M range

CR-M pluggable relays with LED

Type	Order code
CR-M012DC2L	1SVR405611R4100
CR-M012DC2LD	1SVR405611R4400
CR-M024DC2L	1SVR405611R1100
CR-M024DC2LD	1SVR405611R1400
CR-M048DC2L	1SVR405611R6100
CR-M048DC2LD	1SVR405611R6400
CR-M060DC2L	1SVR405611R4300
CR-M110DC2L	1SVR405611R8100
CR-M110DC2LD	1SVR405611R8400
CR-M125DC2L	1SVR405611R8300
CR-M125DC2LD	1SVR405611R8500
CR-M220DC2L	1SVR405611R9100
CR-M220DC2LD	1SVR405611R9400
CR-M012AC2L	1SVR405611R0300
CR-M024AC2L	1SVR405611R0300
CR-M048AC2L	1SVR405611R5100
CR-M110AC2L	1SVR405611R7100
CR-M120AC2L	1SVR405611R2100
CR-M230AC2L	1SVR405611R3100

Input voltage	CR-M012DC2L	CR-M012DC2LD	CR-M024DC2L	CR-M024DC2LD	CR-M048DC2L	CR-M048DC2LD	CR-M060DC2L	CR-M110DC2L	CR-M110DC2LD	CR-M125DC2L	CR-M125DC2LD	CR-M220DC2L	CR-M220DC2LD	CR-M012AC2L	CR-M024AC2L	CR-M048AC2L	CR-M110AC2L	CR-M120AC2L	CR-M230AC2L	
12 V DC	■	■																		
24 V DC			■	■																
48 V DC					■	■														
60 V DC							■													
110 V DC								■	■											
125 V DC										■	■									
220 V DC												■	■							
12 V AC														■						
24 V AC															■					
48 V AC																■				
60 V AC																	■			
110 V AC																		■		
120 V AC																			■	
230 V AC																				■

Output rating	CR-M012DC2L	CR-M012DC2LD	CR-M024DC2L	CR-M024DC2LD	CR-M048DC2L	CR-M048DC2LD	CR-M060DC2L	CR-M110DC2L	CR-M110DC2LD	CR-M125DC2L	CR-M125DC2LD	CR-M220DC2L	CR-M220DC2LD	CR-M012AC2L	CR-M024AC2L	CR-M048AC2L	CR-M110AC2L	CR-M120AC2L	CR-M230AC2L	
250 V 6 A																				
250 V 10 A																				
250 V 12 A	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

Output contacts	CR-M012DC2L	CR-M012DC2LD	CR-M024DC2L	CR-M024DC2LD	CR-M048DC2L	CR-M048DC2LD	CR-M060DC2L	CR-M110DC2L	CR-M110DC2LD	CR-M125DC2L	CR-M125DC2LD	CR-M220DC2L	CR-M220DC2LD	CR-M012AC2L	CR-M024AC2L	CR-M048AC2L	CR-M110AC2L	CR-M120AC2L	CR-M230AC2L
c/o	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Gold plated contacts																			

Additional features	CR-M012DC2L	CR-M012DC2LD	CR-M024DC2L	CR-M024DC2LD	CR-M048DC2L	CR-M048DC2LD	CR-M060DC2L	CR-M110DC2L	CR-M110DC2LD	CR-M125DC2L	CR-M125DC2LD	CR-M220DC2L	CR-M220DC2LD	CR-M012AC2L	CR-M024AC2L	CR-M048AC2L	CR-M110AC2L	CR-M120AC2L	CR-M230AC2L
LED	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Free-wheeling diode		■		■				■		■		■							

Pluggable interface relays and optocouplers

Selection table CR-M range

CR-M pluggable relays with LED

Type	Order code
CR-M012DC3L	1SVR405612R4100
CR-M012DC3LD	1SVR405612R4400
CR-M024DC3L	1SVR405612R1100
CR-M024DC3LD	1SVR405612R1400
CR-M048DC3L	1SVR405612R6100
CR-M048DC3LD	1SVR405612R6400
CR-M060DC3L	1SVR405612R4300
CR-M110DC3L	1SVR405612R8100
CR-M110DC3LD	1SVR405612R8400
CR-M125DC3L	1SVR405612R8300
CR-M125DC3LD	1SVR405612R8500
CR-M220DC3L	1SVR405612R9100
CR-M220DC3LD	1SVR405612R9400
CR-M012AC3L	1SVR405612R0300
CR-M024AC3L	1SVR405612R0100
CR-M048AC3L	1SVR405612R5100
CR-M110AC3L	1SVR405612R7100
CR-M120AC3L	1SVR405612R2100
CR-M230AC3L	1SVR405612R3100

Input voltage	CR-M012DC3L	CR-M012DC3LD	CR-M024DC3L	CR-M024DC3LD	CR-M048DC3L	CR-M048DC3LD	CR-M060DC3L	CR-M110DC3L	CR-M110DC3LD	CR-M125DC3L	CR-M125DC3LD	CR-M220DC3L	CR-M220DC3LD	CR-M012AC3L	CR-M024AC3L	CR-M048AC3L	CR-M110AC3L	CR-M120AC3L	CR-M230AC3L
12 V DC	■	■																	
24 V DC			■	■															
48 V DC					■	■													
60 V DC							■												
110 V DC								■	■										
125 V DC										■	■								
220 V DC												■	■						
12 V AC														■					
24 V AC															■				
48 V AC																■			
60 V AC																	■		
110 V AC																		■	
120 V AC																			■
230 V AC																			■

Output rating	CR-M012DC3L	CR-M012DC3LD	CR-M024DC3L	CR-M024DC3LD	CR-M048DC3L	CR-M048DC3LD	CR-M060DC3L	CR-M110DC3L	CR-M110DC3LD	CR-M125DC3L	CR-M125DC3LD	CR-M220DC3L	CR-M220DC3LD	CR-M012AC3L	CR-M024AC3L	CR-M048AC3L	CR-M110AC3L	CR-M120AC3L	CR-M230AC3L
250 V 6 A																			
250 V 10 A	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
250 V 12 A																			

Output contacts	CR-M012DC3L	CR-M012DC3LD	CR-M024DC3L	CR-M024DC3LD	CR-M048DC3L	CR-M048DC3LD	CR-M060DC3L	CR-M110DC3L	CR-M110DC3LD	CR-M125DC3L	CR-M125DC3LD	CR-M220DC3L	CR-M220DC3LD	CR-M012AC3L	CR-M024AC3L	CR-M048AC3L	CR-M110AC3L	CR-M120AC3L	CR-M230AC3L
c/o	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Gold plated contacts																			

Additional features	CR-M012DC3L	CR-M012DC3LD	CR-M024DC3L	CR-M024DC3LD	CR-M048DC3L	CR-M048DC3LD	CR-M060DC3L	CR-M110DC3L	CR-M110DC3LD	CR-M125DC3L	CR-M125DC3LD	CR-M220DC3L	CR-M220DC3LD	CR-M012AC3L	CR-M024AC3L	CR-M048AC3L	CR-M110AC3L	CR-M120AC3L	CR-M230AC3L
LED	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Free-wheeling diode		■		■		■			■		■		■						

Pluggable interface relays and optocouplers

Selection table CR-M range

CR-M pluggable relays with Gold Plated Contacts

Type	Order code
CR-M024DC4G	1SVR405618R1000
CR-M024AC4G	1SVR405618R0000
CR-M110AC4G	1SVR405618R7000
CR-M230AC4G	1SVR405618R3000
CR-M230AC4G	1SVR405618R3000
CR-M012DC4LG	1SVR405618R4100
CR-M024DC4LG	1SVR405618R1100
CR-M048DC4LG	1SVR405618R6100
CR-M060DC4LG	1SVR405618R4300
CR-M110DC4LG	1SVR405618R8100
CR-M125DC4LG	1SVR405618R8300
CR-M220DC4LG	1SVR405618R9100
CR-M024AC4LG	1SVR405618R0100
CR-M048AC4LG	1SVR405618R5100
CR-M110AC4LG	1SVR405618R7100
CR-M120AC4LG	1SVR405618R2100
CR-M230AC4LG	1SVR405618R3100
CR-M012DC4LDG	1SVR405618R4400
CR-M024DC4LDG	1SVR405618R1400

Input voltage	
12 V DC	■
24 V DC	■
48 V DC	■
60 V DC	■
110 V DC	■
125 V DC	■
220 V DC	■
24 V AC	■
48 V AC	■
60 V AC	■
110 V AC	■
120 V AC	■
230 V AC	■

Output rating	
250 V 6 A	■
250 V 10 A	■
250 V 12 A	■

Output contacts	
c/o	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Gold plated contacts	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■

Additional features	
LED	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Free-wheeling diode	■ ■

Pluggable interface relays and optocouplers

Selection table CR-M range complete versions

CR-M range complete versions

Type	Order code
CR-M012DC4LDGSS	15VR405618R4410
CR-M024DC4SS42V	15VR405613R1010
CR-M024DC4LS42V	15VR405613R1011
CR-M024DC4LC42	15VR405613R1012
CR-M024DC4GSS42V	15VR405618R1011
CR-M024DC4GLC62CV	15VR405618R1010
CR-M024DC4LGLC22	15VR405618R1110
CR-M024DC4LDGSS	15VR405618R1410
CR-M024AC4LS62CV	15VR405613R0010
CR-M230AC4SS92CV	15VR405613R3110
CR-M230AC4LS92CV	15VR405613R3011
CR-M230AC4LC92	15VR405613R3012
CR-M230AC4GSS92CV	15VR405618R3112
CR-M230AC4LGLC	15VR405618R3110
CR-M230AC4LGSS	15VR405618R3111

Input voltage	CR-M012DC4LDGSS	CR-M024DC4SS42V	CR-M024DC4LS42V	CR-M024DC4LC42	CR-M024DC4GSS42V	CR-M024DC4GLC62CV	CR-M024DC4LGLC22	CR-M024DC4LDGSS	CR-M024AC4LS62CV	CR-M230AC4SS92CV	CR-M230AC4LS92CV	CR-M230AC4LC92	CR-M230AC4GSS92CV	CR-M230AC4LGLC	CR-M230AC4LGSS
12 V DC	■														
24 V DC		■	■	■	■	■	■	■							
48 V DC															
60 V DC															
110 V DC															
125 V DC															
220 V DC															
24 V AC									■						
48 V AC															
60 V AC															
110 V AC															
120 V AC															
230 V AC										■	■	■	■	■	■

Output rating	CR-M012DC4LDGSS	CR-M024DC4SS42V	CR-M024DC4LS42V	CR-M024DC4LC42	CR-M024DC4GSS42V	CR-M024DC4GLC62CV	CR-M024DC4LGLC22	CR-M024DC4LDGSS	CR-M024AC4LS62CV	CR-M230AC4SS92CV	CR-M230AC4LS92CV	CR-M230AC4LC92	CR-M230AC4GSS92CV	CR-M230AC4LGLC	CR-M230AC4LGSS
250 V 6 A	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
250 V 10 A															
250 V 12 A															

Output contacts	CR-M012DC4LDGSS	CR-M024DC4SS42V	CR-M024DC4LS42V	CR-M024DC4LC42	CR-M024DC4GSS42V	CR-M024DC4GLC62CV	CR-M024DC4LGLC22	CR-M024DC4LDGSS	CR-M024AC4LS62CV	CR-M230AC4SS92CV	CR-M230AC4LS92CV	CR-M230AC4LC92	CR-M230AC4GSS92CV	CR-M230AC4LGLC	CR-M230AC4LGSS
c/o	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Gold plated contacts	■				■	■	■	■					■	■	■

Socket type	CR-M012DC4LDGSS	CR-M024DC4SS42V	CR-M024DC4LS42V	CR-M024DC4LC42	CR-M024DC4GSS42V	CR-M024DC4GLC62CV	CR-M024DC4LGLC22	CR-M024DC4LDGSS	CR-M024AC4LS62CV	CR-M230AC4SS92CV	CR-M230AC4LS92CV	CR-M230AC4LC92	CR-M230AC4GSS92CV	CR-M230AC4LGLC	CR-M230AC4LGSS
Standard socket	■	■			■			■		■			■		■
Logical socket			■	■		■	■		■		■	■			■

Additional features	CR-M012DC4LDGSS	CR-M024DC4SS42V	CR-M024DC4LS42V	CR-M024DC4LC42	CR-M024DC4GSS42V	CR-M024DC4GLC62CV	CR-M024DC4LGLC22	CR-M024DC4LDGSS	CR-M024AC4LS62CV	CR-M230AC4SS92CV	CR-M230AC4LS92CV	CR-M230AC4LC92	CR-M230AC4GSS92CV	CR-M230AC4LGLC	CR-M230AC4LGSS
LED	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Free-wheeling diode	■	■	■	■	■	■	■	■					■		■

List of components

Selection table CR-M range complete versions



The complete versions of the CR-M range comprise of a pluggable interface relay, socket, holder, marker and where applicable a function module.

CR-M complete versions

Complete versions		Relay	Socket	Function module	Holder
Order code	Type	Order code	Order code	Order code	Order code
1SVR405618R4410	CR-M012DC4LDGSS	1SVR405618R4400	CR-M012DC4LDG	1SVR405651R0000	1SVR405659R1000
1SVR405613R1010	CR-M024DC4SS42V	1SVR405613R1000	CR-M024DC4	1SVR405652R0000	
1SVR405613R1011	CR-M024DC4LS42V	1SVR405618R1000	CR-M024DC4G	1SVR405652R1000	
1SVR405613R1012	CR-M024DC4LC42	1SVR405618R1100	CR-M024DC4LG	1SVR405652R9100	
1SVR405618R1011	CR-M024DC4GSS42V	1SVR405618R1400	CR-M024DC4LDG	1SVR405655R1000	
1SVR405618R1010	CR-M024DC4GLC62CV	1SVR405613R0000	CR-M024AC4	1SVR405654R0100	
1SVR405618R1110	CR-M024DC4LGLC22	1SVR405613R3000	CR-M230AC4	1SVR405655R1100	
1SVR405618R1410	CR-M024DC4LDGSS	1SVR405618R3000	CR-M230AC4G		
1SVR405613R0010	CR-M024AC4LS62CV	1SVR405618R3100	CR-M230AC4LG		
1SVR405613R3110	CR-M230AC4SS92CV	1SVR405618R3200			
1SVR405613R3011	CR-M230AC4LS92CV	1SVR405651R3000	CR-M4SS		
1SVR405613R3012	CR-M230AC4LC92	1SVR405651R3100	CR-M4LS		
1SVR405618R3112	CR-M230AC4GSS92CV	1SVR405651R3200	CR-M4LC		
1SVR405618R3110	CR-M230AC4LGLC	1SVR405651R0000	CR-P/M 22		
1SVR405618R3111	CR-M230AC4LGSS	1SVR405651R0000	CR-P/M 42		
		1SVR405652R0000	CR-P/M 42V		
		1SVR405652R1000	CR-P/M 42CV		
		1SVR405655R1000	CR-P/M 62CV		
		1SVR405654R0100	CR-P/M 92		
		1SVR405655R1100	CR-P/M 92CV		
		1SVR405659R1000	CR-MH		

Pluggable interface relays and optocouplers

Selection table CR-P/M function modules

CR-P/M function modules

	Type	Order code
	CR-P/M 22	1SVR405651R0000
	CR-P/M 42	1SVR405652R0000
	CR-P/M 42V	1SVR405652R1000
	CR-P/M 42B	1SVR405652R4000
	CR-P/M 42BV	1SVR405652R4100
	CR-P/M 42C	1SVR405652R9000
	CR-P/M 42CV	1SVR405652R9100
	CR-P/M 52B	1SVR405653R0000
	CR-P/M 52D	1SVR405653R4000
	CR-P/M 52C	1SVR405653R1000
	CR-P/M 62	1SVR405654R0000
	CR-P/M 62V	1SVR405654R1000
	CR-P/M 62E	1SVR405654R4000
	CR-P/M 62EV	1SVR405654R4100
	CR-P/M 92	1SVR405654R0100
	CR-P/M 92V	1SVR405654R1100
	CR-P/M 62C	1SVR405655R0000
	CR-P/M 62CV	1SVR405655R1000
	CR-P/M 62D	1SVR405655R4000
	CR-P/M 62DV	1SVR405655R4100
	CR-P/M 92C	1SVR405655R0100
	CR-P/M 92CV	1SVR405655R1100
	CR-P/M 72	1SVR405656R0000
	CR-P/M 72A	1SVR405656R1000
	CR-P/M 82	1SVR405656R2000
Related control supply voltage		
6-220 V DC		■
6-24 V DC		■ ■
24-60 V DC		■ ■ ■
110 V DC		■ ■
110-230 V DC		■ ■
6-24 V AC		■ ■
24-60 V AC		■ ■ ■
110-230 V AC		■ ■
24 V AC		■ ■
115 V AC		■ ■
230 V AC		■ ■
24-240 V AC/DC		■ ■
Function		
Diode - reverse polarity protection / free-wheeling diode		■
Diode and LED - reverse polarity protection / free-wheeling diode		■ ■ ■ ■ ■ ■
RC element - spark quenching		■ ■ ■
Diode and LED		■ ■ ■ ■ ■ ■
Varistor and LED - overvoltage protection		■ ■ ■ ■ ■ ■
Varistor - overvoltage protection		■ ■ ■ ■ ■ ■
LED red		■ ■ ■ ■ ■ ■
LED green		■ ■ ■ ■ ■ ■