Electronic Products and Relays
Selection Table Interface Relays
CR-Range and R600 / R500 Range

Power and productivity
for a better world™

Pluggable Interface Relays

CR-M Range

Order number	1SVR 405 611 R4000	1SVR 405 611 R1000	1SVR 405 611 R6000	1SVR 405 611 R4200	1SVR 405 611 R8000	1SVR 405 611 R8200	1SVR 405 611 R9000	1SVR 405 611 R0000	1SVR 405 611 R5000	1SVR 405 611 R7000	1SVR 405 611 R2000	1SVR 405 611 R3000	1SVR 405 612 R4000	1SVR 405 612 R1000	1SVR 405 612 R6000	1SVR 405 612 R4200	1SVR 405 612 R8000	1SVR 405 612 R8200	1SVR 405 612 R9000	1SVR 405 612 R0000	1SVR 405 612 R5000	1SVR 405 612 R5200	1SVR 405 612 R7000	1SVR 405 612 R2000	1SVR 405 612 R3000	1SVR 405 613 R4000	1SVR 405 613 R1000	1SVR 405 613 R6000	1SVR 405 613 R4200	1SVR 405 613 R8000	1SVR 405 613 R8200
Type	CR-M012DC2	CR-M024DC2	CR-M048DC2	CR-M060DC2	CR-M110DC2	CR-M125DC2	CR-M220DC2	CR-M024AC2	CR-M048AC2	CR-M110AC2	CR-M120AC2	CR-M230AC2	CR-M012DC3	CR-M024DC3	CR-M048DC3	CR-M060DC3	CR-M110DC3	CR-M125DC3	CR-M220DC3	CR-M024AC3	CR-M048AC3	CR-M060AC3	CR-M110AC3	CR-M120AC3	CR-M230AC3	CR-M012DC4	CR-M024DC4	CR-M048DC4	CR-M060DC4	CR-M110DC4	CR-M125DC4
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 16 A																															
250 V 8 A																															
250 V 12 A	■	■	■	■	■	■	■	■	■	■	■	■																			
250 V 10 A													■	■	■	■	■	■	■	■	■	■	■								
250 V 6 A																										■	■	■	■	■	■
Output contacts																															
c/o	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4
Gold contact																															
LED																															
Free-wheeling diode																															

Accessories – Sockets

Type	Version	Connection terminals	Order code	Pack. unit pieces
Sockets				
CR-M2LS	Logical socket for 2 c/o	screw	1SVR 405 651 R1100	10
CR-M3LS	Logical socket for 3 c/o		1SVR 405 651 R2100	10
CR-M4LS	Logical socket for 2/4 c/o		1SVR 405 651 R3100	10
CR-M2LC	Logical socket for 2 c/o	spring connection	1SVR 405 651 R1200	10
CR-M4LC	Logical socket for 2/4 c/o		1SVR 405 651 R3200	10
CR-M2SS	Standard socket for 2 c/o	screw	1SVR 405 651 R1000	10
CR-M3SS	Standard socket for 3 c/o		1SVR 405 651 R2000	10
CR-M4SS	Standard socket for 2/4 c/o		1SVR 405 651 R3000	10
CR-M2SF	Standard socket for 2 c/o	fork type	1SVR 405 651 R1300	10
CR-M4SF	Standard socket for 2/4 c/o		1SVR 405 651 R3300	10
Socket accessories				
CR-MH	Plastic holder		1SVR 405 659 R1000	10
CR-MH1	Metal holder		1SVR 405 659 R1100	25
CR-MJ	Jumper bar for sockets with screw connection		1SVR 405 658 R6000	10
Markers				
CR-M	Marker		1SVR 405 658 R1000	10

1SVR 405 613 R9000	1SVR 405 613 R0000	1SVR 405 613 R5000	1SVR 405 613 R7000	1SVR 405 613 R2000	1SVR 405 613 R3000	1SVR 405 611 R4100	1SVR 405 611 R1100	1SVR 405 611 R6100	1SVR 405 611 R4300	1SVR 405 611 R8100	1SVR 405 611 R8300	1SVR 405 611 R9100	1SVR 405 611 R0100	1SVR 405 611 R5100	1SVR 405 611 R7100	1SVR 405 611 R2100	1SVR 405 611 R3100	1SVR 405 612 R4100	1SVR 405 612 R1100	1SVR 405 612 R6100	1SVR 405 612 R4300	1SVR 405 612 R8100	1SVR 405 612 R8300	1SVR 405 612 R9100	1SVR 405 612 R0100	1SVR 405 612 R5100	1SVR 405 612 R7100	1SVR 405 612 R2100	1SVR 405 612 R3100	1SVR 405 613 R4100	1SVR 405 613 R1100	1SVR 405 613 R6100	1SVR 405 613 R4300	1SVR 405 613 R8100	1SVR 405 613 R8300	1SVR 405 613 R9100	1SVR 405 613 R0100	1SVR 405 613 R5100	1SVR 405 613 R7100	1SVR 405 613 R2100	1SVR 405 613 R3100
CR-M220DC4	CR-M024AC4	CR-M048AC4	CR-M110AC4	CR-M120AC4	CR-M230AC4	CR-M012DC2L	CR-M024DC2L	CR-M048DC2L	CR-M060DC2L	CR-M110DC2L	CR-M125DC2L	CR-M220DC2L	CR-M024AC2L	CR-M048AC2L	CR-M110AC2L	CR-M120AC2L	CR-M230AC2L	CR-M012DC3L	CR-M024DC3L	CR-M048DC3L	CR-M060DC3L	CR-M110DC3L	CR-M125DC3L	CR-M220DC3L	CR-M024AC3L	CR-M048AC3L	CR-M110AC3L	CR-M120AC3L	CR-M230AC3L	CR-M012DC4L	CR-M024DC4L	CR-M048DC4L	CR-M060DC4L	CR-M110DC4L	CR-M125DC4L	CR-M220DC4L	CR-M024AC4L	CR-M048AC4L	CR-M110AC4L	CR-M120AC4L	CR-M230AC4L
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CR-M024DC4LD	CR-M024DC4G	CR-M024AC4G	CR-M110AC4G	CR-M230AC4G	CR-M012DC4LG	CR-M024DC4LG	CR-M048DC4LG	CR-M060DC4LG	CR-M110DC4LG	CR-M125DC4LG	CR-M220DC4LG	CR-M024AC4LG	CR-M048AC4LG	CR-M110AC4LG	CR-M120AC4LG	CR-M230AC4LG	CR-M012DC4LDG	CR-M024DC4LDG
1SVR 405 614 R1100	1SVR 405 618 R1000	1SVR 405 618 R0000	1SVR 405 618 R7000	1SVR 405 618 R3000	1SVR 405 618 R4100	1SVR 405 618 R1100	1SVR 405 618 R6100	1SVR 405 618 R4300	1SVR 405 618 R8100	1SVR 405 618 R8300	1SVR 405 618 R9100	1SVR 405 618 R0100	1SVR 405 618 R5100	1SVR 405 618 R7100	1SVR 405 618 R2100	1SVR 405 618 R3100	1SVR 405 618 R4400	1SVR 405 618 R1400
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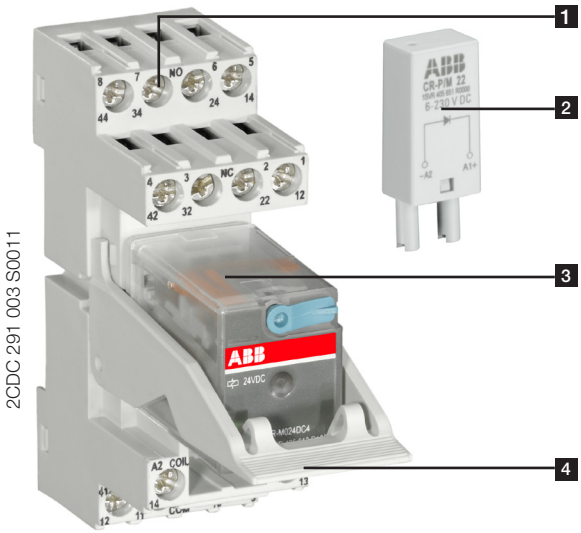
■																	■	■



1 Socket

2 Pluggable function module

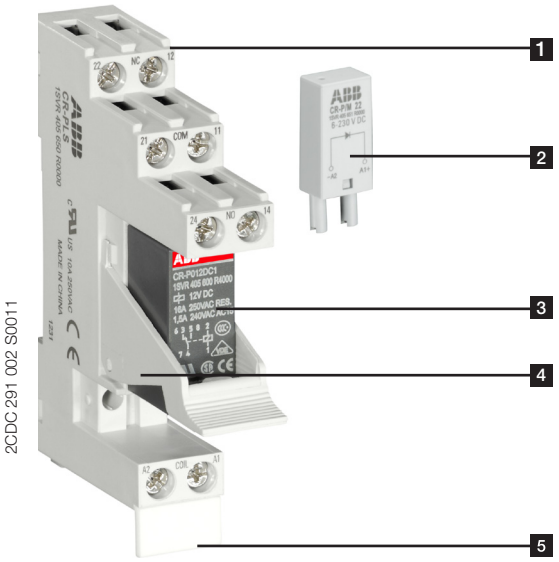
3 Interface relay

4 Holder

Pluggable Interface Relays

CR-P Range

Order number	1SVR 405 600 R4000	1SVR 405 600 R1000	1SVR 405 600 R6000	1SVR 405 600 R8000	1SVR 405 600 R0000	1SVR 405 600 R5000	1SVR 405 600 R7000	1SVR 405 600 R2000	1SVR 405 600 R3000	1SVR 405 601 R4000	1SVR 405 601 R1000	1SVR 405 601 R6000	1SVR 405 601 R8000	1SVR 405 601 R0000	1SVR 405 601 R5000	1SVR 405 601 R7000	1SVR 405 601 R2000	1SVR 405 601 R3000	1SVR 405 606 R1000	1SVR 405 606 R0000	1SVR 405 606 R7000	1SVR 405 606 R3000
Type	CR-P012DC1	CR-P024DC1	CR-P048DC1	CR-P110DC1	CR-P024AC1	CR-P048AC1	CR-P110AC1	CR-P120AC1	CR-P230AC1	CR-P012DC2	CR-P024DC2	CR-P048DC2	CR-P110DC2	CR-P024AC2	CR-P048AC2	CR-P110AC2	CR-P120AC2	CR-P230AC2	CR-P024DC2G	CR-P024AC2G	CR-P110AC2G	CR-P230AC2G
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 16 A	■	■	■	■	■	■	■	■	■													
250 V 8 A										■	■	■	■	■	■	■	■	■	■	■	■	■
250 V 12 A																						
250 V 10 A																						
250 V 6 A																						
Output contacts																						
c/o	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2				
Gold contact																			2	2	2	2
LED																						
Free-wheeling diode																						



2CDC 291 002 S0011

1 Socket

2 Pluggable function module

3 Interface relay

4 Holder

5 Marker label

Accessories - Sockets

Type	Version	Connection terminals	Order code	Pack. unit pieces
Sockets				
CR-PLS	Logical socket with protective separation	screw	1SVR 405 650 R0000	10
CR-PLSx	Logical socket	screw	1SVR 405 650 R0100	10
CR-PLC	Logical socket	spring connection	1SVR 405 650 R0200	10
CR-PSS	Standard socket	screw	1SVR 405 650 R1000	10
Socket accessories				
CR-PH	Plastic Holder		1SVR 405 659 R0000	10
CR-PJ	Jumper bar for sockets with screw connection		1SVR 405 658 R5000	10
Markers				
CR-P	Marker		1SVR 405 658 R0000	10

Pluggable Interface Relays

CR-U Range

Order number	1SVR 405 621 R4000	1SVR 405 621 R1000	1SVR 405 621 R6000	1SVR 405 621 R8000	1SVR 405 621 R9000	1SVR 405 621 R0000	1SVR 405 621 R5000	1SVR 405 621 R7000	1SVR 405 621 R2000	1SVR 405 621 R3000	1SVR 405 622 R4000	1SVR 405 622 R1000	1SVR 405 622 R6000	1SVR 405 622 R8000	1SVR 405 622 R8200	1SVR 405 622 R9000	1SVR 405 622 R0000	1SVR 405 622 R5000	1SVR 405 622 R5200	1SVR 405 622 R7000	1SVR 405 622 R2000	1SVR 405 622 R3000	1SVR 405 621 R4100	1SVR 405 621 R1100	1SVR 405 621 R6100	1SVR 405 621 R8100	1SVR 405 621 R9100	1SVR 405 621 R0100	1SVR 405 621 R5100	1SVR 405 621 R7100	1SVR 405 621 R2100
Type	CR-U012DC2	CR-U024DC2	CR-U048DC2	CR-U110DC2	CR-U220DC2	CR-U024AC2	CR-U048AC2	CR-U110AC2	CR-U120AC2	CR-U230AC2	CR-U012DC3	CR-U024DC3	CR-U048DC3	CR-U110DC3	CR-U125DC3	CR-U220DC3	CR-U024AC3	CR-U048AC3	CR-U060AC3	CR-U110AC3	CR-U120AC3	CR-U230AC3	CR-U012DC2L	CR-U024DC2L	CR-U048DC2L	CR-U110DC2L	CR-U220DC2L	CR-U024AC2L	CR-U048AC2L	CR-U110AC2L	CR-U120AC2L
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 16 A																															
250 V 8 A																															
250 V 12 A																															
250 V 10 A	■										■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
250 V 6 A																															
Output contacts																															
c/o	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2
Gold contact																															
LED																							■	■	■	■	■	■	■	■	■
Free-wheeling diode																															

Accessories - Sockets

Type	Version	Order code	Pack. unit pieces
Sockets			
CR-U2S	Socket for 2 c/o and module	1SVR 405 670 R0000	10
CR-U3S	Socket for 3 c/o and module	1SVR 405 660 R0000	10
CR-U3E	Socket for 3 c/o	1SVR 405 660 R0100	10
CR-U2SM	Socket small for 2 c/o	1SVR 405 670 R1100	10
CR-U3SM	Socket small for 3 c/o	1SVR 405 660 R1100	10
Accessories Sockets			
CR-UH	Holder for CR-U socket	1SVR 405 669 R0000	10

CR-U230AC2L	CR-U012DC3L	CR-U024DC3L	CR-U048DC3L	CR-U110DC3L	CR-U220DC3L	CR-U024AC3L	CR-U048AC3L	CR-U110AC3L	CR-U120AC3L	CR-U230AC3L	
1SVR 405 621 R3100	1SVR 405 622 R4100	1SVR 405 622 R1100	1SVR 405 622 R6100	1SVR 405 622 R8100	1SVR 405 622 R9100	1SVR 405 622 R0100	1SVR 405 622 R5100	1SVR 405 622 R7100	1SVR 405 622 R2100	1SVR 405 622 R3100	
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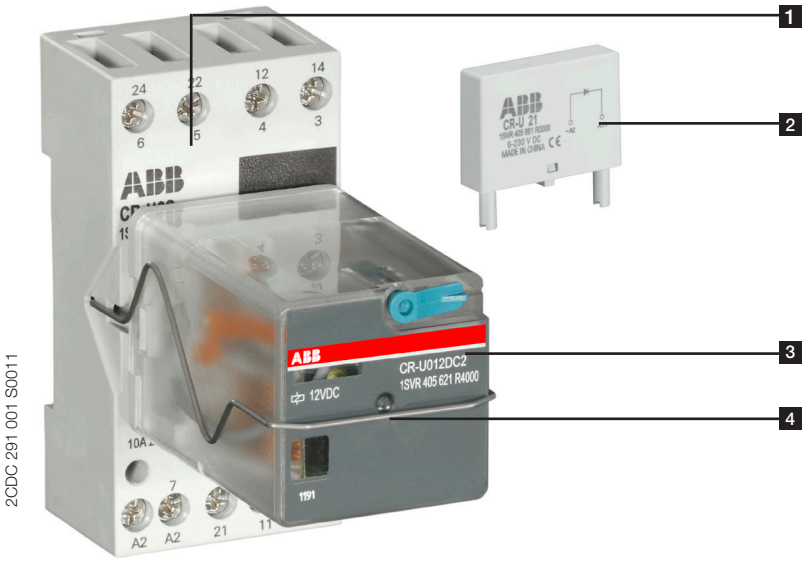


1 Socket

2 Pluggable function module

3 Interface relay

4 Holder

Pluggable Modules

CR-P/M Range

Order number	1SVR 405 651 R0000	1SVR 405 652 R0000	1SVR 405 652 R1000	1SVR 405 652 R4000	1SVR 405 652 R4100	1SVR 405 652 R9000	1SVR 405 652 R9100	1SVR 405 653 R0000	1SVR 405 653 R4000	1SVR 405 653 R1000	1SVR 405 654 R0000	1SVR 405 654 R1000	1SVR 405 654 R4000	1SVR 405 654 R4100	1SVR 405 654 R0100	1SVR 405 654 R1100	1SVR 405 655 R0000	1SVR 405 655 R1000	1SVR 405 655 R4000	1SVR 405 655 R4100	1SVR 405 655 R0100	1SVR 405 655 R1100	1SVR 405 656 R0000	1SVR 405 656 R1000	1SVR 405 656 R2000
Type	CR-P/M 22	CR-P/M 42	CR-P/M 42V	CR-P/M 42B	CR-P/M 42BV	CR-P/M 42C	CR-P/M 42CV	CR-P/M 52B	CR-P/M 52D	CR-P/M 52C	CR-P/M 62	CR-P/M 62V	CR-P/M 62E	CR-P/M 62EV	CR-P/M 92	CR-P/M 92V	CR-P/M 62C	CR-P/M 62CV	CR-P/M 62D	CR-P/M 62DV	CR-P/M 92C	CR-P/M 92CV	CR-P/M 72	CR-P/M 72A	CR-P/M 82
Rated control supply voltage																									
6 - 230 V DC	■																								
6 - 24 V DC		■	■								■	■													
24 - 60 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																							■	■	■
Multifunctional time module																									
LED red		■		■		■					■		■		■		■		■		■				
LED green			■		■		■					■		■		■		■		■		■			

Accessories for PCB relays CR-P

Type Sockets	Version	Connection	Order number
CR-PLS	Logical socket with safety Isolation	screw	1SVR 405 650 R0000
CR-PLSx	Logical socket	screw	1SVR 405 650 R0100
CR-PLC	Logical socket	spring	1SVR 405 650 R0200
CR-PSS	Standard socket	screw	1SVR 405 650 R1000
Socket accessories			
CR-PH	Plastic holder		1SVR 405 659 R0000
CR-PJ	Jumper bar for sockets with screw connection		1SVR 405 658 R5000

Assessories for miniature relays CR-M

Type Sockets	Version
CR-M2LS	Logical socket for 2 c/o contacts
CR-M3LS	Logical socket for 3 c/o contacts
CR-M4LS	Logical socket for 2/4 c/o contacts
CR-M2LC	Logical socket for 2 c/o contacts
CR-M4LC	Logical socket for 2/4 c/o contacts
CR-M2SS	Standard socket for 2 c/o contacts
CR-M3SS	Standard socket for 3 c/o contacts
CR-M4SS	Standard socket for 2/4 c/o contacts
CR-M2SF	Standard socket for 2 c/o contacts
CR-M4SF	Standard socket for 2/4 c/o contacts
Socket assessories	
CR-MH	Plastic holder
CR-MH1	Metal holder
CR-MJ	Jumper bar for sockets with screw connection

CR-U Range

	CR-U 21	CR-U 41	CR-U 41V	CR-U 41B	CR-U 41BV	CR-U 41C	CR-U 41CV	CR-U 51B	CR-U 51D	CR-U 51C	CR-U 61	CR-U 61V	CR-U 61E	CR-U 61EV	CR-U 91 -	CR-U 91V	CR-U 61C	CR-U 61CV	CR-U 61D	CR-U 61DV	CR-U 91C	CR-U 91CV 1	CR-U 71	CR-U 71A	CR-U 81	CR-U T
1SVR 405 661 R0000	■																									
1SVR 405 662 R0000		■	■								■	■					■	■								
1SVR 405 662 R1000					■	■								■	■					■	■					
1SVR 405 662 R4000						■	■								■	■					■	■				
1SVR 405 662 R4100								■			■	■					■	■								
1SVR 405 662 R9000										■				■	■					■	■					
1SVR 405 662 R9100										■					■	■					■	■				
1SVR 405 663 R0000																							■			
1SVR 405 663 R4000																								■		
1SVR 405 663 R1000																									■	
1SVR 405 664 R0000																										■
1SVR 405 664 R1000	■																									
1SVR 405 664 R4000		■	■	■	■	■	■																			
1SVR 405 664 R4100								■	■	■																
1SVR 405 664 R0100											■	■	■	■	■	■										
1SVR 405 664 R1100																	■	■	■	■	■	■				
1SVR 405 665 R0000																							■	■	■	
1SVR 405 665 R1000																										■
1SVR 405 665 R4000	■		■		■						■		■		■		■		■		■					
1SVR 405 665 R4100		■		■			■					■		■		■		■		■		■				
1SVR 405 665 R0100																										
1SVR 405 665 R1100																										
1SVR 405 666 R0000																										
1SVR 405 666 R1000																										
1SVR 405 666 R2000																										
1SVR 405 677 R0000																										

	Connection	Order number
	screw	1SVR 405 651 R1100
	screw	1SVR 405 651 R2100
	screw	1SVR 405 651 R3100
	spring	1SVR 405 651 R1200
	spring	1SVR 405 651 R3200
	screw	1SVR 405 651 R1000
	screw	1SVR 405 651 R2000
	screw	1SVR 405 651 R3000
	fork type screw	1SVR 405 651 R1300
	fork type screw	1SVR 405 651 R3300
		1SVR 405 659 R1000
		1SVR 405 659 R1100
		1SVR 405 658 R6000

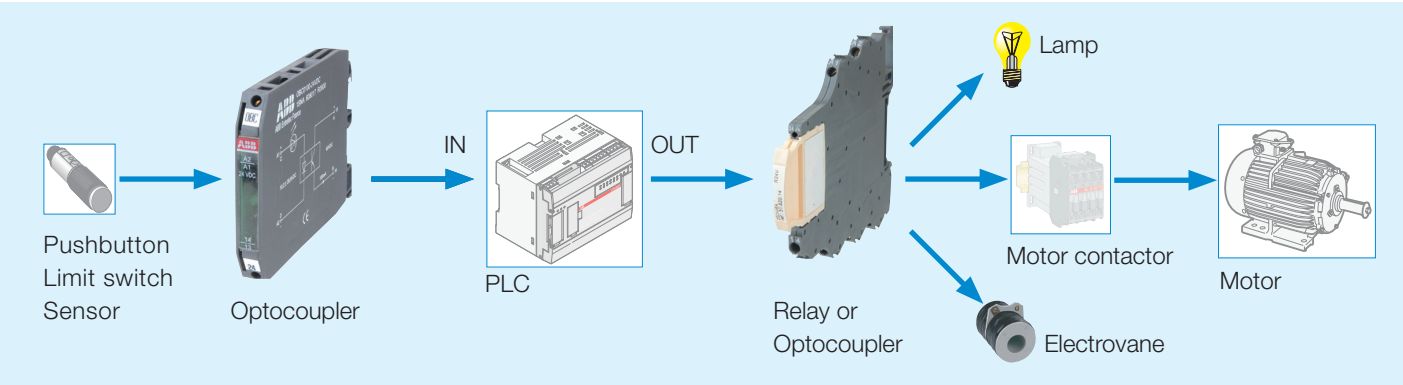
Accessories for universal relays CR-U

Type Sockets	Version	Order Number
CR-U2S	for 2 c/o contacts + module	1SVR 405 670 R0000
CR-U3S	for 3 c/o contacts + module	1SVR 405 660 R0000
CR-U3E	for 3 c/o contacts	1SVR 405 660 R0100
CR-U2SM	for 2 c/o contacts (small version)	1SVR 405 670 R1100
CR-U3SM	for 3 c/o contacts (small version)	1SVR 405 660 R1100
Socket assessories		
CR-UH Metal holder		1SVR 405 669 R0000

Interface Relays and Optocouplers

R600 Relays

Order number	1SNA 645 034 R2300	1SNA 645 036 R2500	1SNA 645 534 R2500	1SNA 645 536 R2700	1SNA 645 069 R0000	1SNA 645 037 R2600	1SNA 645 569 R0000	1SNA 645 537 R2000	1SNA 645 019 R0400	1SNA 645 519 R0600	1SNA 645 014 R2700	1SNA 645 063 R0000	1SNA 645 018 R0300	1SNA 645 514 R2100	1SNA 645 563 R0200	1SNA 645 518 R0500	1SNA 645 064 R0100	1SNA 645 065 R0200	1SNA 645 001 R0300	1SNA 645 005 R0700	1SNA 645 032 R2100	1SNA 645 009 R1300	1SNA 645 033 R2200	1SNA 645 010 R0700	1SNA 645 564 R0300	1SNA 645 565 R0400	1SNA 645 501 R0500	1SNA 645 505 R0100	1SNA 645 532 R2300	1SNA 645 509 R1500	1SNA 645 533 R2400	1SNA 645 510 R0100	1SNA 645 012 R2500	1SNA 645 512 R2700
Type	RB 121-5VDC	RB 121-5VDC	RBR 121-5VDC	RBR 121-5VDC	RB 121-12VDC	RB 121-12VDC	RBR 121-12VDC	RBR 121-12VDC	RB 101AR-24VAC/DC	RBR 101AR-24VAC/DC	RB 111A-24VAC/DC	RB 111AI-24VAC/DC	RB 111AR-24VAC/DC	RBR 111A-24VAC/DC	RBR 111AI-24VAC/DC	RBR 111AR-24VAC/DC	RB 121-24VDC	RB 121-24VDC	RB 121A-24VAC/DC	RB 121A-24VAC/DC	RB 121AI-24VAC/DC	RB 121AI-24VAC/DC	RB 121AI-24VAC/DC	RB 121AI-24VAC/DC	RBR 121-24VDC	RBR 121-24VDC	RBR 121A-24VAC/DC	RBR 121A-24VAC/DC	RBR 121AI-24VAC/DC	RBR 121AI-24VAC/DC	RBR 121AI-24VAC/DC	RBR 121AI-24VAC/DC	RB 122A-24VAC/DC	RBR 122A-24VAC/DC
Input voltage																																		
5 V DC	■	■	■	■																														
12 V DC					■	■	■	■																										
24 V DC									■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
48 - 60 V DC																																		
110 - 115 V DC																																		
230 V DC																																		
60 - 230 V DC																																		
24 V AC									■	■	■	■	■	■	■	■			■	■	■	■	■	■			■	■	■	■	■	■	■	■
48 - 60 V AC																																		
115 V AC																																		
230 V AC																																		
60 - 230 V AC																																		
Output rating																																		
10 mA - 6 A	■		■		■		■		■	■	■	■	■	■	■	■	■		■		■	■			■		■		■	■				
1 mA - 6 A		■		■		■		■										■		■			■	■		■		■			■	■		
1 mA - 8 A																																	■	■
Output contacts																																		
c/o	1	1	1	1	1	1	1	1									1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
n/o											1	1	1	1	1	1																		
n/c									1	1																								
Terminal type																																		
Screw	■	■			■	■			■		■	■	■				■	■	■	■	■	■	■	■									■	
Spring			■	■			■	■		■				■	■	■									■	■	■	■	■	■	■	■		■



	1SNA 645 015 R2000	1SNA 645 515 R2200	1SNA 645 002 R0400	1SNA 645 006 R0000	1SNA 645 502 R0600	1SNA 645 506 R0200	1SNA 645 040 R1500	1SNA 645 540 R1700	1SNA 645 003 R0500	1SNA 645 007 R0100	1SNA 645 046 R0700	1SNA 645 503 R0700	1SNA 645 507 R0300	1SNA 645 546 R0100	1SNA 645 041 R0200	1SNA 645 541 R0400	1SNA 645 016 R2100	1SNA 645 516 R2300	1SNA 645 017 R2200	1SNA 645 517 R2400	1SNA 645 004 R0400	1SNA 645 008 R1200	1SNA 645 011 R2400	1SNA 645 504 R0000	1SNA 645 508 R1400	1SNA 645 511 R2600	1SNA 645 013 R2600	1SNA 645 513 R2000	1SNA 645 020 R0100	1SNA 645 520 R0300
	RB 111A-48-60VAC/DC	RBR 111A-48-60VAC/DC	RB 121A-48-60VAC/DC	RB 121A-48-60VAC/DC	RBR 121A-48-60VAC/DC	RBR 121A-48-60VAC/DC	RB 122A-48-60VAC/DC	RBR 122A-48-60VAC/DC	RB 121A-115VAC/DC	RB 121A-115VAC/DC	RB 121AR-115VAC/DC	RBR 121A-115VAC/DC	RBR 121A-115VAC/DC	RBR 121AR-115VAC/DC	RB 122A-115VAC/DC	RBR 122A-115VAC/DC	RB 111A-115VAC/DC	RBR 111A-115VAC/DC	RB 111A-230VAC/DC	RBR 111A-230VAC/DC	RB 121A-230VAC/DC	RB 121A-230VAC/DC	RB 121AR-230VAC/DC	RBR 121A-230VAC/DC	RBR 121A-230VAC/DC	RBR 121AR-230VAC/DC	RB 122A-230VAC/DC	RBR 122A-230VAC/DC	BR 121 A 60-230VAC/DC	RBR 121 A 60-230VAC/DC
	■	■	■	■	■	■	■	■																						
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							■	■							■	■											■	■		
			1	1	1	1	2	2	1	1	1	1	1	1	2	2					1	1	1	1	1	1	2	2	1	1
	1	1															1	1	1	1										
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		■			■	■		■				■	■	■		■		■		■				■	■	■		■		■

Characteristics

R600 series

Standard range in screw clamp or spring clamp versions

- Spacing : 6 mm
- Wire size : 2.5 mm²
  (4 mm² solid wire)
- Contact type : 1 NO, 1 NC, 1 SPDT, 1 DPDT from 1 mA to 8 A / 250 V
- Transistor : 100 mA
  MOS : 1 A to 5 A
  Triac : 1 A to 2 A

Accessories

Type	Description	Order number	Pack.
BADH V0	End Section	1 SNA 116 900 R2700	50
BADL V0	End Section	1 SNA 399 903 R0200	50
BAM2 V0	End Section	1 SNA 399 967 R0100	50
SC 612	Separator end section	1 SNA 290 474 R0200	10
BJ 612-10	Divisible shunt 10 poles	1 SNA 290 488 R0100	10
BJ 612-70	Divisible shunt 70 poles	1 SNA 290 489 R0200	10
D4/12-3-3	Screw clamp distribution block sp. 12 mm	1 SNA 645 031 R2000	5
D4/12-3R-3R	Screw clamp distribution block sp. 12 mm	1 SNA 645 531 R2200	5
FC2	Test plug DIA. 2 mm	1 SNA 007 865 R2600	10

R500 Relays

Order number	1SNA 645 047 R0000	1SNA 645 547 R0200	1SNA 645 021 R2600	1SNA 645 521 R2000	1SNA 645 049 R1200	1SNA 645 549 R1400
Type	D 2,5/5-R121-24VDC	D 2,5/5-R121L-24VDC	D 2,5/5-R121AL-24VAC/DC	D 2,5/5-R121AL-48VAC/DC	D 2,5/5-R121BL-110VAC	D 2,5/5-R121BL-230VAC
Input voltage						
24 V DC	■	■	■			
48 V DC				■		
24 V AC			■			
48 V AC				■		
110 V AC					■	
230 V AC						■
Output rating						
10 mA - 6 A	■	■	■	■	■	■
Output contacts						
c/o	1	1	1	1	1	1
Type						
with LED		■	■	■	■	■
without LED	■					

Accessories for R500 relays and optocouplers

End stop type	Order code	Packing
BAMH	1SNA 114 836 R0000	50
BAMH V0	1SNA 194 836 R0100	50
BADH	1SNA 116 900 R2700	50

Jumper bar 10 poles	Order code	Packing
PCMS V0	1SNA 205 523 R2700	8

Test device	Order code	Packing
DCB (*only on top decks)	1SNA 105 028 R2100	10

Test plug	Order code	Packing
FC2	1SNA 007 865 R2600	10

Marking method	Order code	Packing
RC55 Blank cards	1SNA 230 000 R1200	

*different markings available on the main catalogue

Input Opto base	Order code	Packing
D 2,5/5-MP1	1SNA 607 223 R0000	10

Relay / Opto bases	Order code	Packing
D 2,5/5-MP	1SNA 607 224 R0100	10
D 2,5/5-MP-24VDC (with LED 24 V DC)	1SNA 607 222 R0700	10
D 2,5/5-MP-24VAC/DC (with LED 24 V AC/DC)	1SNA 607 260 R2100	10
D 2,5/5-MP-48VAC/DC (with LED 48 V AC/DC)	1SNA 607 261 R1600	10
D 2,5/5-MP-110VAC (with LED 110 V AC)	1SNA 607 266 R1300	10
D 2,5/5-MP-230VAC (with LED 230 V AC)	1SNA 607 267 R1400	10

Relay plugs	Order code	Packing
BNMS R24V-1 (24 V 1 SPDT 10 mA to 6 A)	1SNA 031 820 R1400	4
BNMS R24V-2 (24 V 1 SPDT 1 mA to 6 A)	1SNA 031 847 R1300	4

Input Opto plugs	Order code	Packing
BNMS T5V-1 (for OBIC 5 V DC)	1SNA 031 831 R0300	4
BNMS T24V-1 (for OBIC 24 V DC)	1SNA 031 800 R2100	4
BNMS T48V-1 (for OBIC 48 V DC)	1SNA 031 801 R1600	4
BNMS T125V-1 (for OBIC 125 V DC)	1SNA 031 845 R1100	4
BNMS T24V-1 (for OBIC 24 V AC)	1SNA 031 802 R1700	4
BNMS T48V-1 (for OBIC 48 V AC)	1SNA 031 803 R1000	4
BNMS T115V-1 (for OBIC 115 V AC)	1SNA 031 804 R1100	4
BNMS T230V-1 (for OBIC 230 V AC)	1SNA 031 805 R1200	4

Input Opto plugs	Order code	Packing
BNMS P5V-3 (for OBOC 5 V DC)	1SNA 031 809 R2600	4
BNMS P24V-3 (for OBOC 24 V DC)	1SNA 031 810 R1200	4
BNMS P48V-3 (for OBOC 48 V DC)	1SNA 031 811 R0700	4
BNMS P5V-1 5 V/2 A[1]	1SNA 031 814 R0200	4
BNMS P24V-1 24 V/2 A[2]	1SNA 031 815 R0300	4
BNMS A24V-4 250 V/1 A	1SNA 031 839 R1300	4

[1]) For D 2,5/5-OBOC-2000 5 V DC only

[2]) For all D 2,5/5-OBOC-2000 except 5 V DC model

R500 Optocouplers

Order number	1SNA 607 274 R1300	1SNA 607 210 R1700	1SNA 607 211 R0400	1SNA 607 275 R1400	1SNA 607 212 R0500	1SNA 607 213 R0600	1SNA 607 214 R0700	1SNA 607 215 R0000	1SNA 607 203 R1500	1SNA 607 204 R1600	1SNA 607 205 R1700	1SNA 607 206 R1000	1SNA 607 207 R1100	1SNA 607 250 R2700	1SNA 607 251 R1400	1SNA 607 270 R2300	1SNA 607 271 R1000	1SNA 607 208 R2200	1SNA 607 209 R2300	1SNA 607 255 R1000	1SNA 607 256 R1100	1SNA 607 272 R1100	1SNA 607 273 R1200	1SNA 607 238 R1700	1SNA 607 240 R2500	1SNA 607 241 R1200	1SNA 607 268 R2500	1SNA 607 269 R2600
Type	D 2,5/5-OBIC-0030-5VDC	D 2,5/5-OBIC-0030-24VDC	D 2,5/5-OBIC-0030-48VDC	D 2,5/5-OBIC-0030-125VDC	D 2,5/5-OBIA-0030-24VAC	D 2,5/5-OBIA-0030-48VAC	D 2,5/5-OBIA-0030-115VAC	D 2,5/5-OBIA-0030-230VAC	D 2,5/5-OBOC-0100-5VDC	D 2,5/5-OBOC-0100-24VDC	D 2,5/5-OBOC-0100-48VDC	D 2,5/5-OBOC-1000-5VDC	D 2,5/5-OBOC-1000-24VDC	D 2,5/5-OBOC-1000-24VAC/DC	D 2,5/5-OBOC-1000-48VAC/DC	D 2,5/5-OBOC-1000-110VAC	D 2,5/5-OBOC-1000-230VAC	D 2,5/5-OBOC-2000-5VDC	D 2,5/5-OBOC-2000-24VDC	D 2,5/5-OBOC-2000-24VAC/DC	D 2,5/5-OBOC-2000-48VAC/DC	D 2,5/5-OBOC-2000-110VAC	D 2,5/5-OBOC-2000-230VAC	D 2,5/5-OBOA-1000-24VDC	D 2,5/5-OBOA-1000-24VAC/DC	D 2,5/5-OBOA-1000-48VAC/DC	D 2,5/5-OBOA-1000-110VAC	D 2,5/5-OBOA-1000-230VAC
Input voltage																												
5 V DC	■								■			■						■										
24 V DC		■								■			■	■					■	■				■	■			
48 V DC			■								■				■						■					■		
125 V DC				■																								
24 V AC					■									■						■					■			
48 V AC						■									■						■					■		
110 V AC																■						■					■	
115 V AC							■																					
230 V AC								■									■						■					■
Output rating																												
30 mA	■	■	■	■	■	■	■	■																				
100 mA									■	■	■																	
2 A																		■	■	■	■	■	■					
1 A												■	■	■	■	■	■							■	■	■	■	■
Output voltage																												
30 V DC																		■	■	■	■	■	■					
58 V DC	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■											
253 V AC																								■	■	■	■	■
Type																												
input optocoupler	■	■	■	■	■	■	■	■																				
output optocoupler									■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

R600 Optocouplers

Order number	1SNA 645 047 R0000	1SNA 645 547 R0200	1SNA 645 021 R2600	1SNA 645 521 R2000	1SNA 645 049 R1200	1SNA 645 549 R1400	1SNA 645 022 R2700	1SNA 645 522 R2100	1SNA 645 050 R1700	1SNA 645 550 R1100	1SNA 645 051 R0400	1SNA 645 025 R2200	1SNA 645 024 R2100	1SNA 645 551 R0600	1SNA 645 525 R2400	1SNA 645 524 R2300	1SNA 645 053 R0600	1SNA 645 553 R0000	1SNA 645 054 R0700	1SNA 645 058 R1300	1SNA 645 554 R0100	1SNA 645 558 R1500	1SNA 645 026 R2300	1SNA 645 059 R1400	1SNA 645 526 R2500	1SNA 645 559 R1600	1SNA 645 027 R2400	1SNA 645 029 R0600	1SNA 645 527 R2600	1SNA 645 529 R0000
Type	OBIC 0100 5-12VDC	OBRIC 0100 5-12VDC	OBIC 0100 24VDC	OBRIC 0100 24VDC	OBIC 0100 48-60VAC/DC	OBRIC 0100 48-60VAC/DC	OBIC 0100 115-230VAC/DC	OBRIC 0100 115-230VAC/DC	OBOC 1000-5-12VDC	OBROC 1000-5-12VDC	OBOC 1000-24VDC	OBOC 1500-24VAC/DC	OBOC 5000-24VDC	OBROC 1000-24VDC	OBROC 1500-24VAC/DC	OBROC 5000-24VDC	OBOC 1000-48-60VAC/DC	OBROC 1000-48-60VAC/DC	OBOC 1000-115VAC/DC	OBOC 5000-115VAC/DC	OBROC 1000-115VAC/DC	OBROC 5000-115VAC/DC	OBOC 1000-230VAC/DC	OBOC 5000-230VAC/DC	OBROC 1000-230VAC/DC	OBROC 5000-230VAC/DC	OBOA 1000-24VDC	OBOA 2000-24VDC	OBROA 1000-24VDC	OBROA 2000-24VDC
Input voltage																														
5 - 12 V DC	■	■							■	■																				
24 V DC			■	■							■	■	■	■	■	■											■	■	■	■
48 - 60 V DC						■	■											■	■											
115 - 230 V DC							■	■																						
115 V DC																			■	■	■	■								
230 V DC							■	■															■	■	■	■				
24 V AC												■			■															
48 - 60 V AC					■	■											■	■												
115-230 V AC							■	■																						
115 V AC																			■	■	■	■								
230 V AC																							■	■	■	■				
Output rating																														
100 mA	■	■	■	■	■	■	■	■																						
2 A									■	■	■	■		■	■		■	■	■		■		■		■			■		■
5 A													■			■				■		■		■		■				
1 A																											■		■	
Output voltage																														
58 V DC	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■				
400 V AC																											■	■	■	■
Terminal type																														
Screw	■		■		■		■		■		■	■	■				■		■	■			■	■			■	■		
Spring		■		■		■		■		■				■	■	■		■			■	■			■	■			■	■

	1SNA 645 061 R0600	1SNA 645 561 R0000	1SNA 645 062 R0700	1SNA 645 562 R0100	1SNA 645 028 R0500	1SNA 645 528 R0700
	OBOA 1000-48-60VAC/DC	OBROA 1000-48-60VAC/DC	OBOA 1000-115VAC/DC	OBROA 1000-115VAC/DC	OBOA 1000-230VAC/DC	OBROA 1000-230VAC/DC
		■	■			
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	■	■				
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					■	■
	■	■	■	■	■	■
	■	■	■	■	■	■
	■		■		■	
		■		■		■

Accessories

Type	Description	Order number	Pack.
BADH V0	End Section	1 SNA 116 900 R2700	50
BADL V0	End Section	1 SNA 399 903 R0200	50
BAM2 V0	End Section	1 SNA 399 967 R0100	50
SC 612	Separator end section	1 SNA 290 474 R0200	10
BJ 612-10	Divisible shunt 10 poles	1 SNA 290 488 R0100	10
BJ 612-70	Divisible shunt 70 poles	1 SNA 290 489 R0200	10
D4/12-3-3	Screw clamp distribution block sp. 12 mm	1 SNA 645 031 R2000	5
D4/12-3R-3R	Screw clamp distribution block sp. 12 mm	1 SNA 645 531 R2200	5
FC2	Test plug DIA. 2 mm	1 SNA 007 865 R2600	10

Contact us

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-> Control Products -> Electronic Relays and Controls
-> Interface Relays

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