

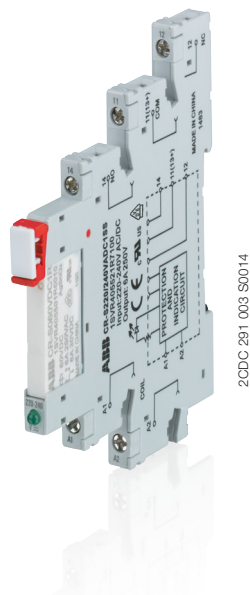
The slim and pluggable interface relays CR-S Range

CR-S Range

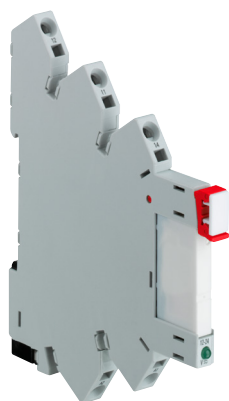
The slim CR-S Range completes the assortment for pluggable interface relays with a further product range that offers the right solution for your application.

The interface relays are mounted on a socket which is available with either screw or spring connection.

Besides the single components ABB offers complete variants that include relay and socket which cover the main relevant applications. Typical fields of applications of pluggable interface relays are galvanic isolation, amplification and adaption of signals.



2CDC 291 003 S0014



2CDC 291 005 S0014

CR-S Range complete (relay + socket) spring connection



2CDC 291 006 S0014

CR-S Range complete (relay + socket) screw connection

Order data - Pluggable complete interface relays (relay + socket)

Description	Connection	Rated control supply voltage U_s	Type	Order code
1 c/o (SPDT) contact, standard contact: 250 V, 6 A	Screw	24 V AC/DC	CR-S024VADC1CRS	1SVR405541R3110
	Spring	24 V AC/DC	CR-S024VADC1CRZ	1SVR405541R3210
	Screw	110 V AC/DC	CR-S110VADC1CRS	1SVR405541R6110
	Spring	110 V AC/DC	CR-S110VADC1CRZ	1SVR405541R6210
	Screw	230 V AC/DC	CR-S230VADC1CRS	1SVR405541R7110
	Spring	230 V AC/DC	CR-S230VADC1CRZ	1SVR405541R7210
1 c/o (SPDT) contact, gold contact: 12 V, 250 mA (3 W) ¹⁾	Screw	24 V AC/DC	CR-S024VADC1CRGS	1SVR405541R3120
	Spring	24 V AC/DC	CR-S024VADC1CRGZ	1SVR405541R3220
	Screw	110 V AC/DC	CR-S110VADC1CRGS	1SVR405541R6120
	Spring	110 V AC/DC	CR-S110VADC1CRGZ	1SVR405541R6220
	Screw	230 V AC/DC	CR-S230VADC1CRGS	1SVR405541R7120
	Spring	230 V AC/DC	CR-S230VADC1CRGZ	1SVR405541R7220

Order data - Pluggable interface relays

Description	Rated control supply voltage U_s	Type	Order code
1 c/o (SPDT) contact, standard contact: 250 V, 6 A	5 V DC	CR-S005VDC1R	1SVR405501R1010
	12 V DC	CR-S012VDC1R	1SVR405501R2010
	24 V DC	CR-S024VDC1R	1SVR405501R3010
	48 V DC	CR-S048VDC1R	1SVR405501R4010
	60 V DC	CR-S060VDC1R	1SVR405501R5010
1 c/o (SPDT) contact, gold contact: 12 V, 250 mA (3 W) ¹⁾	5 V DC	CR-S005VDC1RG	1SVR405501R1020
	12 V DC	CR-S012VDC1RG	1SVR405501R2020
	24 V DC	CR-S024VDC1RG	1SVR405501R3020
	48 V DC	CR-S048VDC1RG	1SVR405501R4020
	60 V DC	CR-S060VDC1RG	1SVR405501R5020

¹⁾ If specified maximum values exceeded, the gold plating is destroyed. The maximum values of the standard contacts are then valid.

Order data - Socket

Rated control supply voltage U_s	Connection	Type	Order code
6-24 V DC	Screw	CR-S006/024VDC1SS	1SVR405521R1100
6-24 V DC	Spring	CR-S006/024VDC1SZ	1SVR405521R1200
12-24 V AC/DC	Screw	CR-S012/024VADC1SS	1SVR405521R3100
12-24 V AC/DC	Spring	CR-S012/024VADC1SZ	1SVR405521R3200
48-60 V AC/DC	Screw	CR-S048/060VADC1SS	1SVR405521R5100
48-60 V AC/DC	Spring	CR-S048/060VADC1SZ	1SVR405521R5200
110-125 V AC/DC	Screw	CR-S110/125VADC1SS	1SVR405521R6100
110-125 V AC/DC	Spring	CR-S110/125VADC1SZ	1SVR405521R6200
220-240 V AC/DC	Screw	CR-S220/240VADC1SS	1SVR405521R7100
220-240 V AC/DC	Spring	CR-S220/240VADC1SZ	1SVR405521R7200

Order data - CR-S Range accessories

Version	Type	Order code
Jumper bar 20 pole, blue color	CR-SJB20-BLUE	1SVR405598R0700
Jumper bar 20 pole, red color	CR-SJB20-RED	1SVR405598R0800
Jumper bar 20 pole, black color	CR-SJB20-BLACK	1SVR405598R0900
Marker block	CR-SM	1SNB041391R0610
Separator	CR-SSEP	1SVR405599R0000

Relays assemblies

Control Voltage	Connection Terminal	Contact Material	Socket Type	Socket Order Code	Relay Type	Relay Order Code
5 V DC	Screw	standard	CR-S006/024VDC1SS	1SVR405521R1100	CR-S005VDC1R	1SVR405501R1010
	Spring	gold	CR-S006/024VDC1SS	1SVR405521R1100	CR-S005VDC1RG	1SVR405501R1020
12 V DC	Screw	standard	CR-S006/024VDC1SZ	1SVR405521R1200	CR-S005VDC1R	1SVR405501R1010
		gold	CR-S006/024VDC1SZ	1SVR405521R1200	CR-S005VDC1RG	1SVR405501R1020
	Spring	standard	CR-S006/024VDC1SS or CR-S012/024VADC1SS"	"1SVR405521R1100 or 1SVR405521R3100"	CR-S012VDC1R	1SVR405501R2010
		gold	"CR-S006/024VDC1SS or CR-S012/024VADC1SS"	"1SVR405521R1100 or 1SVR405521R3100"	CR-S012VDC1RG	1SVR405501R2020
		standard	"CR-S006/024VDC1SZ or CR-S012/024VADC1SZ"	"1SVR405521R1200 or 1SVR405521R3200"	CR-S012VDC1R	1SVR405501R2010
		gold	"CR-S006/024VDC1SZ or CR-S012/024VADC1SZ"	"1SVR405521R1200 or 1SVR405521R3200"	CR-S012VDC1RG	1SVR405501R2020
12 V AC	Screw	standard	CR-S012/024VADC1SS	1SVR405521R3100	CR-S012VDC1R	1SVR405501R2010
		gold	CR-S012/024VADC1SS	1SVR405521R3100	CR-S012VDC1RG	1SVR405501R2020
	Spring	standard	CR-S012/024VADC1SZ	1SVR405521R3200	CR-S012VDC1R	1SVR405501R2010
24 V DC	Screw	standard	CR-S012/024VADC1SZ	1SVR405521R3200	CR-S012VDC1RG	1SVR405501R2020
		gold	CR-S012/024VADC1SZ	1SVR405521R3200	CR-S024VDC1R	1SVR405501R3010
	Spring	standard	"CR-S006/024VDC1SS or CR-S012/024VADC1SS"	"1SVR405521R1100 or 1SVR405521R3100"	CR-S024VDC1R	1SVR405501R3010
		gold	"CR-S006/024VDC1SS or CR-S012/024VADC1SS"	"1SVR405521R1100 or 1SVR405521R3100"	CR-S024VDC1RG	1SVR405501R3020
		standard	"CR-S006/024VDC1SZ or CR-S012/024VADC1SZ"	"1SVR405521R1200 or 1SVR405521R3200"	CR-S024VDC1R	1SVR405501R3010
		gold	"CR-S006/024VDC1SZ or CR-S012/024VADC1SZ"	"1SVR405521R1200 or 1SVR405521R3200"	CR-S024VDC1RG	1SVR405501R3020
24 V AC	Screw	standard	CR-S012/024VADC1SS	1SVR405521R3100	CR-S024VDC1R	1SVR405501R3010
		gold	CR-S012/024VADC1SS	1SVR405521R3100	CR-S024VDC1RG	1SVR405501R3020
	Spring	standard	CR-S012/024VADC1SZ	1SVR405521R3200	CR-S024VDC1R	1SVR405501R3010
48 V AC/DC	Screw	standard	CR-S012/024VADC1SZ	1SVR405521R3200	CR-S024VDC1RG	1SVR405501R3020
		gold	CR-S048/060VADC1SS	1SVR405521R5100	CR-S048VDC1R	1SVR405501R4010
	Spring	standard	CR-S048/060VADC1SS	1SVR405521R5100	CR-S048VDC1RG	1SVR405501R4020
		gold	CR-S048/060VADC1SS	1SVR405521R5100	CR-S048VDC1R	1SVR405501R4010
		standard	CR-S048/060VADC1SZ	1SVR405521R5200	CR-S048VDC1RG	1SVR405501R4020
		gold	CR-S048/060VADC1SZ	1SVR405521R5200	CR-S060VDC1R	1SVR405501R5010
60 V AC/DC	Screw	standard	CR-S048/060VADC1SS	1SVR405521R5100	CR-S060VDC1R	1SVR405501R5010
		gold	CR-S048/060VADC1SS	1SVR405521R5100	CR-S060VDC1RG	1SVR405501R5020
	Spring	standard	CR-S048/060VADC1SZ	1SVR405521R5200	CR-S060VDC1R	1SVR405501R5010
		gold	CR-S048/060VADC1SZ	1SVR405521R5200	CR-S060VDC1RG	1SVR405501R5020
		standard	CR-S110/125VADC1SS	1SVR405521R6100	CR-S060VDC1R	1SVR405501R5010
		gold	CR-S110/125VADC1SS	1SVR405521R6100	CR-S060VDC1RG	1SVR405501R5020
110-125 V AC/DC	Screw	standard	CR-S110/125VADC1SZ	1SVR405521R6200	CR-S060VDC1R	1SVR405501R5010
		gold	CR-S110/125VADC1SZ	1SVR405521R6200	CR-S060VDC1RG	1SVR405501R5020
	Spring	standard	CR-S220/240VADC1SS	1SVR405521R7100	CR-S060VDC1R	1SVR405501R5010
		gold	CR-S220/240VADC1SS	1SVR405521R7100	CR-S060VDC1RG	1SVR405501R5020
		standard	CR-S220/240VADC1SZ	1SVR405521R7200	CR-S060VDC1R	1SVR405501R5010
		gold	CR-S220/240VADC1SZ	1SVR405521R7200	CR-S060VDC1RG	1SVR405501R5020

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