

Technical data

CR-P/M 22

Type		
Version		Diode
Function		Reverse polarity protection
Control supply voltage		6-220 V DC
Component data	Diode	1 A, 1000 V
Polarized		yes (A1+, A2-)
Material	Enclosure / Base	PA6 + GF V2

CR-P/M 42

Type		42	42V	42B	42BV	42C	42CV
Version		Diode and LED					
Function		Reverse polarity protection, applied supply voltage indicated via LED					
Control supply voltage		6-24 V DC		24-60 V DC		110 V DC	
Component data	Diode	1 A, 1000 V					
	LED	red	green	red	green	red	green
	Resistance	3 k Ω , 0.25 W		15 k Ω , 0.25 W		200 k Ω , 0.25 W	
Polarized		yes (A1+, A2-)					
Material	Enclosure / Base	PA6 + GF V2					

CR-P/M 52

Type		52B	52D	52C
Version		RC element		
Function		Arc elimination		
Control supply voltage		6-24 V AC/DC	24-60 V AC/DC	110-230 V AC/DC
Component data	Capacitor	0.1 μ F, 63 V DC	0.1 μ F, 100 V DC	0.082 μ F, 400 V DC
	Resistance	10 Ω , 0.25 W	47 Ω , 0.25 W	100 Ω , 0.25 W
Polarized		no		
Material	Enclosure / Base	PA6 + GF V2		

CR-P/M 62, 62V, 62E, 62EV, 92, 92V

Type		62	62V	62E	62EV	92	92V
Version		Diode and LED					
Control supply voltage		6-24 V AC/DC		24-60 V AC/DC		110-230 V AC / 110 V DC	
Component data	Diode	1 A, 1000 V					
	LED	red	green	red	green	red	green
	Varistor	25 V AC		75 V AC		275 V AC	
	Resistance	3 k Ω , 0.25 W		15 k Ω , 0.25 W		120 k Ω , 0.25 W	
Polarized		AC: no, DC: yes (A1+, A2-)					
Material	Enclosure / Base	PA6 + GF V2					

CR-P/M 62C, 62CV, 62D, 62DV, 92C, 92CV

Type		62C	62CV	62D	62DV	92C	92CV
Version		Varistor and LED					
Function							
Control supply voltage		6-24 V AC/DC		24-60 V AC/DC		110-230 V AC / 110 V DC	
Component data	Diode	1 A, 1000 V					
	LED	red	green	red	green	red	green
	Varistor	25 V AC		75 V AC		275 V AC	
	Resistance	3 k Ω , 0.25 W		15 k Ω , 0.25 W		120 k Ω , 0.25 W	
Polarized		AC: no, DC: yes (A1+, A2-)					
Material	Enclosure / Base	PA6 + GF V2					

CR-P/M 72, 82

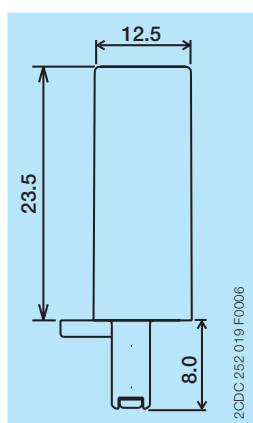
Type	72	72A	82
Version	Varistor		
Function			
Control supply voltage	24 V AC	115 V AC	230 V AC
Component data	Varistor 25 V AC	115 V AC	275 V AC
Polarized	no		
Material	Enclosure / Base	PA6 + GF V2	

Standards / Directives

Standards	IEC/EN 61984
Low Voltage Directive	2014/35/EU
RoHS Directive	2011/65/EU

Dimensions

in mm



Further documentation

Document title	Document type	Document number
Electronic Products and Relays	Technical catalogue	2CDC 110 004 C02xx
Sockets CR-P	Data sheet	2CDC 117 004 D020x
Relays CR-P	Data sheet	2CDC 117 001 D020x
Sockets CR-M	Data sheet	2CDC 117 005 D020x
Relays CR-M	Data sheet	2CDC 117 002 D020x

You can find the documentation on the internet at www.abb.com/lowvoltage

-> Automation, control and protection -> Electronic relays and controls

-> Interface relays and optocouplers.

CAD system files

You can find the CAD files for CAD systems at <http://abb-control-products.partcommunity.com>

-> Low Voltage Products & Systems -> Control Products -> Electronic Relays and Controls.