

CONTACTORS C Series



CD-2R



CF-4R



CJ-8R

Contactors for tripping applications

APPLICATIONS

- > Opening inductive load in DC circuits.
- > Operating time below 8 ms.

MAIN FEATURES

- > Plug-in contactors.
- > Compact size.
- > Front LED.



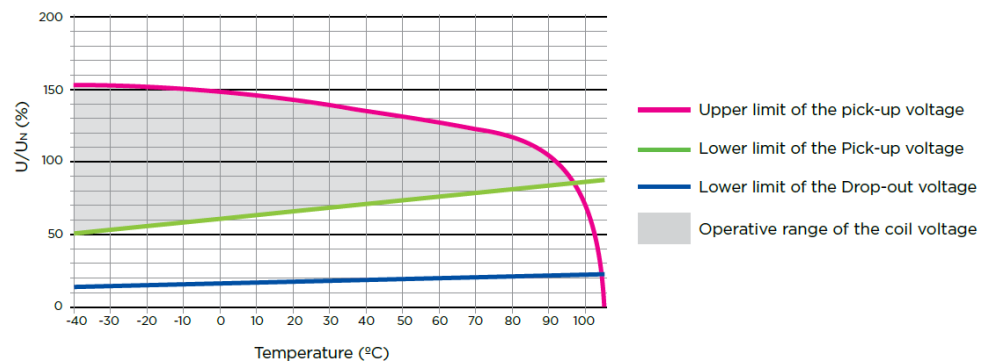
TECHNICAL SPECIFICATIONS

Electrical Characteristics

	CD-2R	CF-4R	CJ-8R
Standard voltages	24, 48, 72, 96, 110, 125, 220 Vdc / 24, 48, 63,5, 110, 230 Vac (50-60Hz) (other voltages upon request)		
Voltage range	10% -20% Un		
Consumption in permanence Un	0,95 W	1 W	1,4 W

Operative range against ambient temperature

Pick up voltage
Drop out voltage

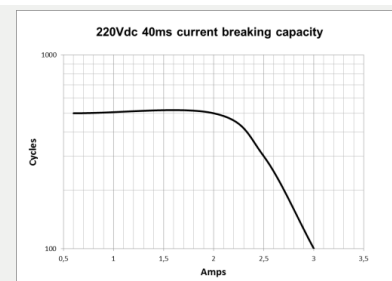
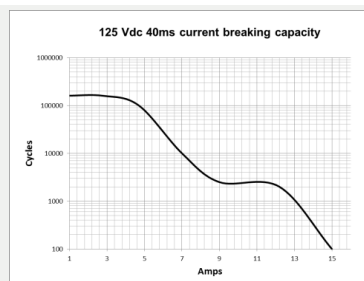


According to UNE EN 61810-1 part 5.2.2

Pick up time	<8ms
Drop out time	<40ms
Type of contacts	Changeover polarized
Material of the contacts	AgNi
Distance between contacts	1,2 mm
Permanent current	10A
Instantaneous current	30 A during 1s 80 A during 200 ms 200 A during 10 ms
Maximum make capacity	40A/ 0,5s/110Vdc

Breaking capacity

Contacts NO
(High breaking capacity)



Contacts NC
(standard contacts)

125 VDC
(50.000 operations)

0ms	1,00 A
40ms	0,52 A

220 VDC
(50.000 operations)

0ms	0,57 A
40ms	0,27 A

Max. breaking capacity

See values for 100 operations

Umax Opened contacts

250Vdc/400Vac

General data

Dielectric strength	2 kV/50 Hz/1 min
Impulse test	5 kV /1,2/50 µs
Operating temperature	-25°C +70°C (according to UNE EN 61810-1, part 5.2.1)
Storage temperature	-30°C +70°C (according to UNE EN 61810-1, part 5.2.1)
Maximum humidity	93% /+40°C
Maximum height	<2000m (for bigger heights please consult)
Mechanical endurance	> 10 ⁷ operations
Shock & Vibration	according to IEC 60068-2-6, IEC 60068-2-27 & IEC 60068-2-29

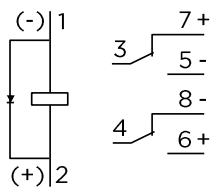
General characteristics

	CD-2R	CF-4R	CJ-8R
Nº Contacts	2 changeover polarized	4 changeover polarized	8 changeover polarized
Standard version	with LED		
Weight	129 gr	254 gr	505gr
Dimensions (mm)	22,5 x 50,4 x 72	42,5 x 50,4 x 72	82,5 x 50,4 x 72

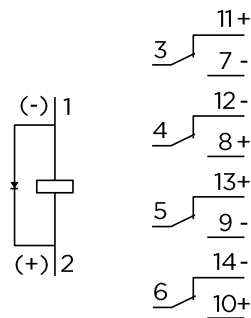
CONNECTIONS

- > Contacts NO - High breaking capacity
- > Contacts NC – Standard contact

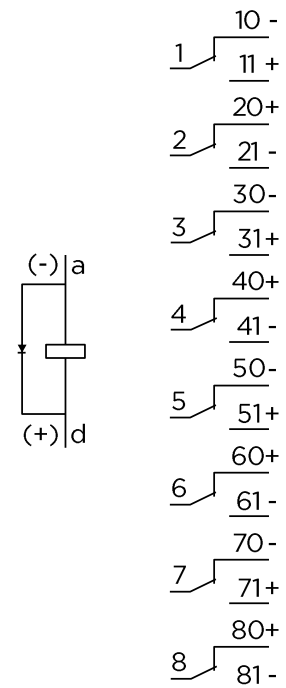
CD-2R



CF-4R



CJ-8R



SOCKETS

General characteristics

	CD-2R	CF-4R	CJ-8R
Model	DN-DE IP10	FN-DE IP10	JN-DE IP10
Terminals	Screws		
Weight	60 gr	110 gr	225 gr
Retaining clips	2 pieces E0	2 pieces E0	4 pieces E0
Mounting	Contactors can be mounted in any direction. Necessary distances are assured by IP10 sockets.		

