

CONTACTORS C Series



CD-2



CF-4



CJ-8

APPLICATIONS

- > Opening inductive load in DC circuits

MAIN FEATURES

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



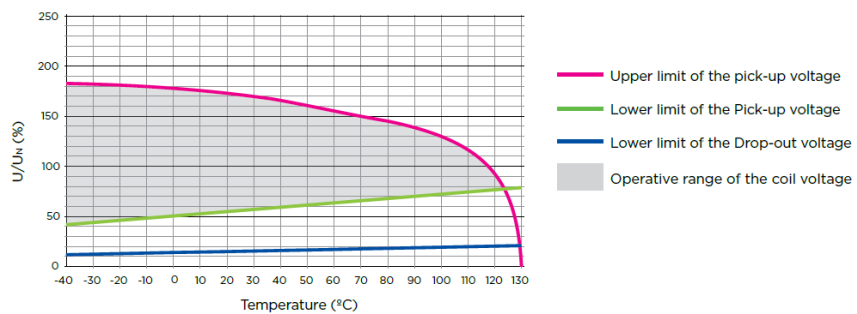
TECHNICAL SPECIFICATIONS

Electrical Characteristics

	CD-2	CF-4	CJ-8
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	+25% -30% Un		
Consumption in permanence Un	2,6 W ; 3,3 VA	3,9 W ; 6,6 VA	6 W ; 11 VA

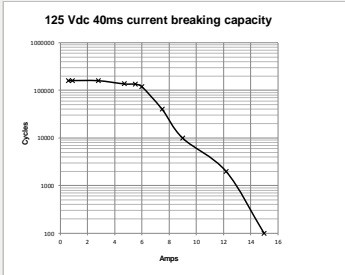
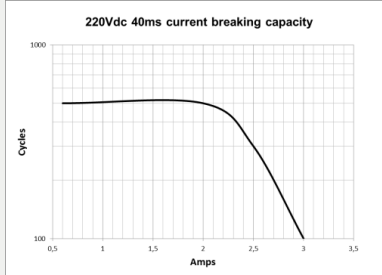
Operative range against ambient temperature

Pick up voltage
Drop out voltage



According to UNE EN 61810-1 part 5.2.2

Pick up time	<20ms
Drop out time	50ms
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 (100.000 operations)	220 VDC (50.000 operations)		
		0ms	1,00 A	0ms	0,57 A
		40ms	0,52 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	-40°C + 70°C (according to UNE EN 61810-1, part 5.2.1)
Storage temperature	-40°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

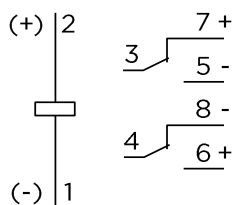
General characteristics

	CD-2	CF-4	CJ-8
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

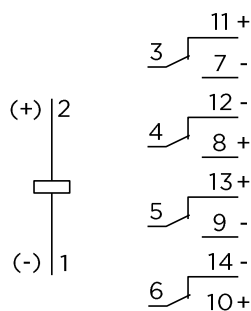
CONNECTIONS

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

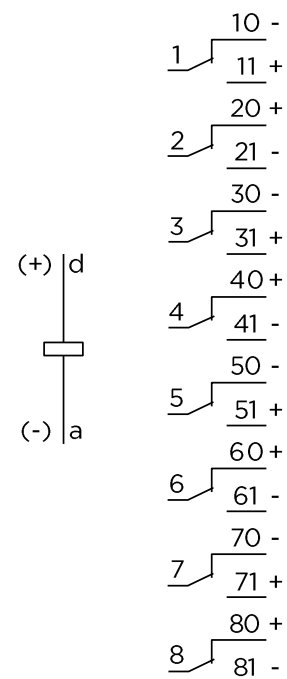
CD-2



CF-4



CJ-8



SOCKETS

General characteristics

	CD-2	CF-4	CJ-8
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.		

