



NEW!

PRODUCT INFORMATION

CL1015/02

1, 2 and 3 pole power contactors
for DC and AC applications



CL Series contactors are the economical solution for switching DC and AC currents in the medium power range.

The compact contactors come with an arc chute that has proven itself many times over and are suitable for universal use in the harsh environmental conditions of industrial applications as well as in AC and DC railway networks.

The switching devices guarantee reliable, low-wear switching of nominal voltages up to 1,500 V.

Features:

- 1, 2 and 3 pole versions
- Double-break NO contact
- DC versions with magnetic blowout
- Compact, rugged design
- Drives with coil tolerances according to railway standard
- Low maintenance and long life

Standards:

- IEC 60077, EN 50124-1

Applications:

- Precharge contactor for AC or DC
- Contactor for the medium power range

Specifications

Series	CL1115/02	CL1215/02	CL1315/02
Type of voltage	Version P and G: DC (unidirectional), Version X: AC (f < 60 Hz)		
Main contacts	1 x NO	2 x NO	3 x NO
Nominal voltage U_n	1,500 V	1,500 V	1,500 V
Rated operating voltage U_e	1,800 V	1,800 V	1,800 V
Rated insulation voltage U_{Nm}	2,200 V	2,200 V	2,200 V
Rated impulse withstand voltage U_{Ni}	12 kV	12 kV	12 kV
Pollution degree / Overvoltage category	PD3 / OV3	PD3 / OV3	PD3 / OV3
Conv. thermal current I_{th} at $T_a = 40^\circ\text{C} / T_a = 70^\circ\text{C}$	250 A / 200 A	250 A / 200 A	250 A / 200 A
Auxiliary contacts	2 x snap-action switches S870, DC13 (2 A at 24 V DC; 0.2 A at 110 V DC)		
Coil voltage U_s	24 / 36 / 72 / 110 V DC		
Mounting position	horizontal or vertical		
Dimensions (L x W x H)	(200 x 66 x 192.5) mm	(200 x 133.5 x 200.5) mm	(200 x 142 x 200.5) mm
Temperature	-40° C ... +70° C		
Mechanical endurance	> 3,000,000 operating cycles		