

DC electromagnetic single pole contactor CEM 1500 Vdc/63A

Technical characteristics:

Rated voltage:	1500 V _{dc}
Maximum application voltage:	2000 V _{dc}
Insulated rated voltage:	3000 V _{dc}
Rated current:	63 A
Rated power-making and breaking capacity:	100 A at $\cos\varphi=0,4$
Drive period:	100%
Maximum connecting frequency:	1800 con./h
control voltage:	24 ... 220 V _{dc}
Resistance to mechanical wear:	5×10^6 cycles
Resistance to electrical wear:	cycles
- for $I=I_n$ at $\cos\varphi=0,6$:	min. 250.000 cycles
Short period current:	
- for $I=1,2 \times I_n=480$ A:	> 2 h
- for $I=1,5 \times I_n=600$ A:	15 min.
- for $I=3 \times I_n=1200$ A:	150 s
- for $I=5 \times I_n=2000$ A:	50 s
- for $I=20 \times I_n=8000$ A:	1 s
Auxiliary contacts:	2NI + 2ND
- rated voltage:	380 V _{ca} / 220 V _{dc}
- thermal rated current:	6 A
- application current in the DC 11 regime ($T=L/R=15$ ms):	
- for $U=24$ V _{dc} :	4 A
- for $U=220$ V _{dc} :	0,4 A
Electromagnetic drive:	
- control voltage:	24; 48; 110; 220 V _{dc}
- consumed power at U_c and 20° C:	35 W / 12 W
Overall sizes:	200x170x50 mm
Net weight:	2,2 Kg

Applications: equipment of the electric traction transportation means: tram, trolley bus, underground.

Manufacturing according to certified assurance systems: **ISO 9001**

Technical performances according to European and/or international standards/norms: **IEC 947-1 (1996); IEC 77 (1968); UIC 616-OR**



