

# **VACUUM CONTACTOR 12 kV- 400 A; 630 A**

**Manufacturing code: CCV – N – 12 kV  
Company standard : ST 589/04**



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

**Technical performances according to European  
and/or international standards/norms: SR EN 60 470/2003**

## Technical features

• Rated working voltage	10 kV	10 kV
• Highest voltage for equipment	12 kV	12 kV
• Rated thermal current	400 A	630 A
• Rated frequency	50 Hz	50 Hz
• Switching capacity of :		
- motor	5300 kW	7500 W
- transformer	5300 k VA	8300 k VA
- capacitor bank	3500 k VAR	8300 k VAR
• Rated making capacity ( $\cos \varphi = 0,35 + 0,05$ )		4000 A
• Rated breaking capacity ( $\cos \varphi = 0,35 + 0,05$ )		3200 A
• Rated thermal short – time current		8 kA
• Rated dynamic current		20 kA max
• Chopped current		0,5 A
• Switching over voltage		max 23 kV max
• Utilization category		AC1, AC2, AC3, AC4
• Absorbed power in closed position ( with economizer resistance )		108 W
• Class of the interrupting service		1200 cycles per hour
• Mechanical endurance		$10^6$ cycles.
• Electrical endurance (400A)		$0,25 \times 10^6$ cycles.
Note: For other tasks see fig. 1 functions.		
• Control voltage (making)		(24, 48, 110, 220) V d c
• Auxiliary switches		
- rated voltage		230/ 400/V c. a/ V d. c
- rated thermal current		6 A
- current for AC11		4 A
- current for DC11		0,4 A
- number		4NO + NC
• Protection degree of contactor		IP – OO
• Dimension of the contactor		406 x 463 x 188 mm
• Weight		24 kg

