

# MV Vacuum Contactor

VC contactors are specifically designed for industrial applications where large number of operations is required. Usual using is for switching the capacitors. This VC vacuum contactor is optimal for capacitor banks from 3,3 up to 6,6 kV.



## Technical features

- vacuum, extinguishing method
- perfect control of the electrical arc in capacitive operations
- very long life expectancy
- well insulated equipment made up of three independent vacuum poles in an insulated structure
- small size
- optimized weight
- easy maintenance

## Technical data

Electrical data	
Auxiliary voltage	220 V AC standard, 110 VAC or DC on request
Rated voltage	6,6 kV
Rated current	400 A
Breaking capacity	4 kA
Frequency	50 / 60 Hz
Insulation voltage	7,2 kV
Category	AC 3
No. of operations	300 000
Max. operating power	2 000 kvar at 6,6 kV
Assembly features	
Connections	fixed
Dimensions	385 x 398 x 247 mm
Weight	24 kg
Standards	
	IEC 62271

# MV Instrument Transformers



These instruments current and voltage transformers are intended for measuring and protection of high voltage distribution systems of the indoor as well as outdoor type. These instruments transformers are intended for the voltage system from 3,6 kV up to 40,5 kV. The transformers comply with requirements of IEC 60044-1, IEC 60044-2, GOST 1983-89 and DIN 42600/1983.

## Current transformers

Type	Voltage (kV)	Primary current (A)	Secondary current (A)	Power (VA)	Weight (kg)	outdoor / indoor
CTO 38	40,5	5 - 2500	5 (1)	5 - 60	62	outdoor
CTO 15	25	5 - 600	5 (1)	5 - 60	30	outdoor
CTS 12	17,5	5 - 3200	5 (1)	5 - 60	22	indoor
CTS 25	25	5 - 3200	5 (1)	5 - 60	28	indoor

## Voltage transformers

Type	Voltage (kV)	Primary voltage (kV)	Secondary voltage (V)	Power (VA)	No. of insulators	Weight (kg)	outdoor / indoor
VPT 25	25	3 - 22	100, 110, 120	10 - 150	2	49	outdoor
VPT 38	40,5	3 - 35	100, 110, 120	10 - 150	2	62	outdoor
VTO 15	17,5	5,77 - 8,66	58, 63, 69	30 - 150	1	24	outdoor
VTO 38	40,5	1,732 - 20,2	58, 63, 69	10 - 150	1	49	outdoor
VTS 12	17,5	1,73 - 8,66	58, 63, 69	10 - 150	1	21	indoor
VTS 25	25	1,73 - 12,7	58, 63, 69	10 - 150	1	29	indoor
VTS 38	40,5	1,73 - 20,2	58, 63, 69	10 - 150	1	33	indoor
VTD 12	17,5	3 - 15	100, 110, 120	10 - 150	2	22	indoor
VTD 25	25	3 - 22	100, 110, 120	10 - 150	2	29	indoor