

**Technical data**

# V-LMT 6.6kV Indoor Fused Contactor

## V-LMT Vacuum Contactor

The V-LMT contactor consists of a vacuum contactor mounted on a carriage with high voltage striker-pin fuses. This contactor is highly suitable for use in mining, industrial and utility applications where frequent switching of large motors and capacitor banks is required.

The V-LMT contactor carriage is fully interchangeable with LMT, LMS, LMR, LSR, LMVP, HD4-LMT and VD4-LMT circuit breakers, providing a high degree of flexibility in substations consisting of circuit breakers and contactors.

The steel-wheeled carriage of the contactor allows horizontal withdrawal to the service, earth or fully withdrawn positions.

Raising and lowering of the contactor is by means of a geared mechanism with a removable operating handle.

Secondary connections between the contactor and the enclosure is by means of self-aligning isolating contacts, which are located on the inner right hand side of the contactor compartment.

Bolted high voltage striker-pin fuse links are mounted onto the carriage. In the event of a short circuit, the fuse will interrupt the fault current and the striker-pin will operate a microswitch and/or a trip bar, that will open the vacuum contactor to disconnect all three phases.

## Technical Specifications

Standards	IEC 470 & IEC 632-1
Rated Frequency fr (Hz)	50 / 60
Impulse Withstand Voltage Up(kV)	60

Type Rated	Rated Current Ir(A)	Rated Voltage Ur(kV)	Withstand Voltage Ud (1 min)(kV)	Rated Breaking Capacity Isc(KA)	Making Capacity Ip(kA)	Rated Short Time Current Ik(kA) 1sec without fuses	Rated Short Time Current Ik(kA) 1sec with fuses
V-LMC 400	400	7.2	20	rated by fuse	4	6	21
V-LMC 200	200	7.2	20	rated by fuse	4	6	21

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V-LMT 200/400A

## Interlocks

Safety is ensured by simple positive interlocks which will prevent:

- The racking up or down of a closed contactor.
- The moving of a contactor unless it is fully lowered.
- The locating of a contactor in any other position than the one selected.
- The closing of a contactor unless it is fully raised or fully lowered.
- The closing of a contactor when fully raised unless the required secondary contacts are made.

## Feature Benefits

- Can be retrofitted to any Reyrolle type LMT, LMS, LSR, LMR, LMVP, HD4-LMT, VD4-LMT switchgear panel.
- Requires minimal maintenance.
- 1,000,000 electrical operations at rated current

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