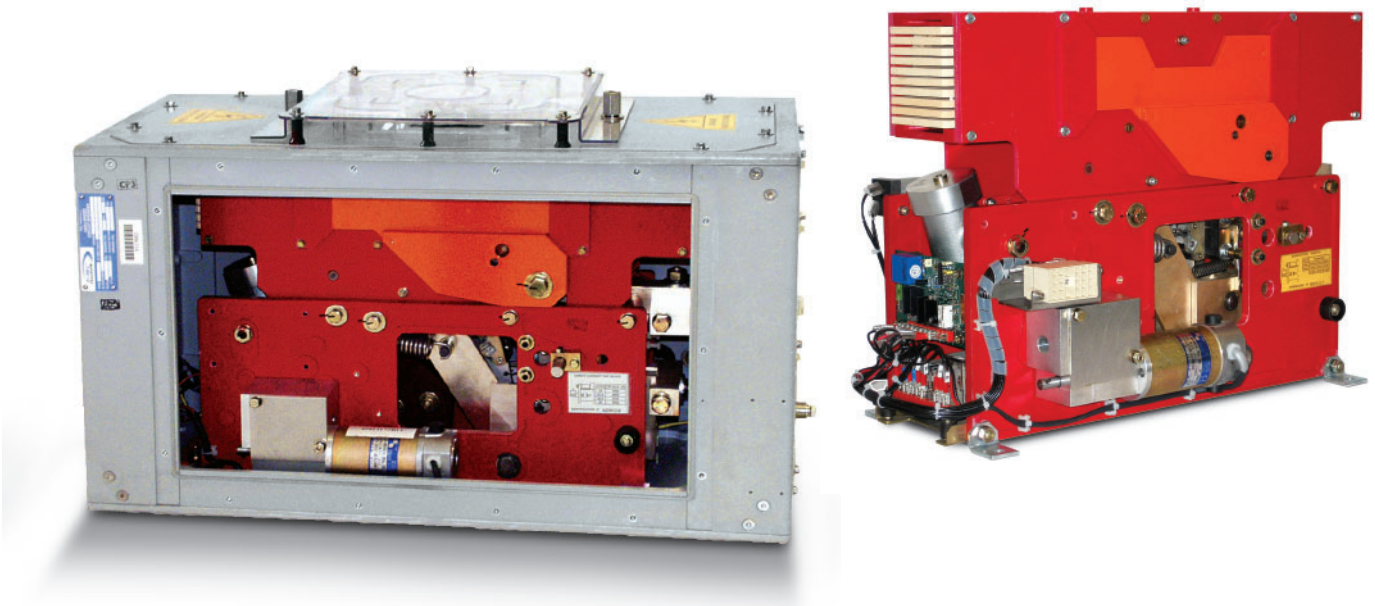


# EMC Traction

## DC High Speed Circuit Breakers



# IR2000 SV series

## High Speed Circuit Breaker Type IR2000 for Vehicles

### Applications

Trolleybuses

Metros

Trams

The IR2000 series are single pole, magnetic blow out, trip free, air circuit breakers.

The breakers closing mechanism is an independent motor operated type.

The IR2000 Circuit Breaker is held closed by holding coil or by permanent magnet and is equipped with a direct acting over-current trip device which may be either unidirectional and bidirectional.

This breaker for on-board application is available with or without metallic or insulating enclosure.

The breaker may operate with single voltage (750, 1500V) or dual voltage (750/1500V).

The breaker conforms to EN60077 Standard.



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# EMC Traction

## DC High Speed Circuit Breakers: IR2000 SV



Optional enclosure metallic/insulated box



### Technical Data

<b>Rated Voltage [V]</b>	$U_n$	750	1500
<b>Rated Current [A]</b>	$I_n$	Up to 3000	Up to 3000
<b>Short Circuit Breaking Capacity (IEC 60077)</b>	$U_c$	900 [V]	1800 [V]
	$I_{cc}$	50 [kA]-Peak	45 [kA]-Peak
	$I_{cc}$	30 [kA]-Steady State	25 [kA]-Steady State
<b>Rated Voltage Auxiliary Circuit [V<sub>DC</sub>]</b>	$U_n$	24 ÷ 110	24 ÷ 110



**KNORR-BREMSE**



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