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# DC Surge arresters for railway applications

## Technical data

Maximum values		3EB2	3EB3	3EB4	3EB5
Highest voltage of the system	kV	1.5	3.0	3.0	3.0
Maximum rated voltage	kV	2.0	4.0	4.8	4.5
Maximum continuous voltage	kV	2.0	4.0	4.8	4.5
Surge arrester class	Nominal discharge current	Thermal energy rating	Charge transfer rating		
	kA			$\text{kJ} / \text{kV}_r$	C
DC-B	20	10	2.5	X	X
DC-B	20	14	3.6		X
DC-C	20	26	2.5	X	
Maximum travel speed	km/h	160	160	420	200
Rated short-circuit current	kA	40	40	50	65
High current impulse	kA	100	100	100	100