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# AC Surge arresters for railway applications

## Technical data

Maximum values		3EB4	3EB5		
Highest voltage of the system	kV	25	25		
Maximum rated voltage	kV	42	45		
Maximum continuous voltage	kV	34	36		
Surge arrester class	Nominal discharge current	Thermal energy rating	Charge transfer rating		
	kA	kJ / kV <sub>r</sub>	C		
SL	10	5.0	1.2	X	
SM	10	7.0	2.0	X	X
SH	20	10	2.8	X	X
SH	20	14	3.6		X
Maximum travel speed	km/h	420	200		
Rated short-circuit current	kA	50	65		
High current impulse	kA	100	100		