Dok.-No.: 3EGF003299D0005 Project: Data Sheet MTS 3EGF021020



General

Subject	TracFeed [®] MTS Earthing
Manufacturer	Rail Power Systems GmbH
Material number	3EGF021020
Type of unit	Pole mounted earthing connector



Mechanic values

	Wert	Einheit
Mass	31	kg
Dimensions (closed) L x W x H	-	mm
Dimensions (opened) L x W x H	-	mm
Number of poles	-	
Switching force contacts	250	Ν
Switching force lever	750	Ν

Electric values

in accordance with: EN 50123-4, , (EN 50123-1, EN 50119, EN 50124-1, EN 50163) IEC 61992-4 (IEC 61992-1, IEC 60913, IEC 62497-1, IEC 60850)

	Wert	Einheit
Nominal voltage (Un)	25	kV
Rated voltage (U _{Ne})	27,5	kV
Rated insulation voltage (U_{Nm})	36	kV
Rated impulse withstand voltage ($U_{\rm Ne}$)	250	kV
Power-frequency voltage withstand level (U_a)	95	kV
Rated service current (<i>I</i> _{Ne})	-	kA
Rated short-time withstand current (I _{Ncw})	40	kA
Short-time withstand current duration	1000	ms
Class of use	E0	
Creepage distance	1650	mm

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	Wert	Einheit
Clearance to earth and between phases	530	mm
Clearance across the isolating distance	500	mm

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