

General

Subject	TracFeed® MTS Earthing
Manufacturer	Rail Power Systems GmbH
Material number	3EGF018093
Type of unit	Pole mounted earthing connector



Mechanic values

	Wert	Einheit
Mass	29,5	kg
Dimensions (closed) L x W x H	786 x 210 x 353	mm
Dimensions (opened) L x W x H	-	mm
Number of poles	-	
Switching force contacts	200	N
Switching force lever	750	N

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 (U_n)	25	kV
Rated voltage (U_{Ne})	27,5	kV
Rated insulation voltage (U_{Nm})	36	kV
Rated impulse withstand voltage (U_{Ne})	250	kV
Power-frequency voltage withstand level (U_a)	95	kV
Rated service current (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	915	mm

	Wert	Einheit
Clearance to earth and between phases	465	mm
Clearance across the isolating distance	475	mm