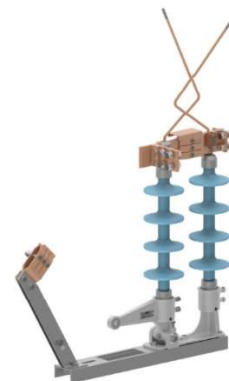


General

Subject	TracFeed® MTS-I 25 kV 1,7 kA
Manufacturer	Rail Power Systems GmbH
Material number	3EGF015853
Type of unit	Pole mounted disconnector with ground contact



Mechanic values

	Wert	Einheit
Mass	38	kg
Dimensions (closed) L x W x H	786 x 210 x 1353	mm
Dimensions (opened) L x W x H	1200 x 210 x 1262	mm
Number of poles	1	
Switching force contacts	250	N
Switching force lever	750	N
Class of use (mechanical lifetime)	3	
Permitted ice load	10	mm
Mechanical lifetime (switching cycle)	➤ 30 000	

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})	1,7	kA
Rated short-time withstand current (I_{Ncw})	50	kA

	Wert	Einheit
Short-time withstand current duration	1000	ms
Creepage distance	1300	mm
Clearance to earth and between phases	470	mm
Clearance across the isolating distance	475	mm