

Product TracFeed® MTS-I 25 kV 1.7 kA
Manufacturer Rail Power Systems GmbH
Material number 3EGF020664



General

Type of unit	Disconnector with earthing contact
Place of operation	Outdoor
Material contacts	Cu-ETP

Mechanical values

	Value	Unit
Mass (ca.)	31	kg
Dimensions (closed) L x W x H	1026 x 202 x 1382	mm
Dimensions (opened) L x W x H	1214 x 202 x 1382	mm
Number of poles	1	
Switching force contacts	250	N
Switching force lever	750	N
Mechanical endurance class in accordance with EN 50152-2	3	
Permitted ice load	10	mm
Mechanical lifetime (switching cycles)	30 000	

Electrical values

in accordance with: **EN 50152-2 (EN 62271-102, EN 50119, EN 50124-1, EN 50163)**
IEC 62505-2 (IEC 62271-102, IEC 60913, IEC 62497-1, IEC 60850)

	Value	Unit
Nominal voltage (U_n)	25	kV
Rated voltage (U_r)	27.5	kV
Rated insulation voltage (U_{Nm})	27.5	kV
Rated impulse voltage (U_{Ni})	250	kV
Short-duration power-frequency withstand voltage (U_d)	95	kV
Rated continuous current (I_r)	1.7	kA
Rated short-time withstand current (I_k)	40	kA
Rated duration of short-circuit (t_k)	1	s
Rated peak withstand current (I_p)	100	kA
Creepage distance	1650	mm
Clearance to earth and between phases	530	mm
Clearance across the isolating distance	500	mm