

General

Subject	TracFeed® MTS-I 25 kV 1,7 kA
Manufacturer	Rail Power Systems GmbH
Material number	3EGF021021
Type of unit	Pole mounted disconnecter



Mechanic values

	Wert	Einheit
Mass	28	kg
Dimensions (closed) L x W x H	745 x 202 x 1382	mm
Dimensions (opened) L x W x H	1208 x 202 x 1291	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})	40	kA

	Wert	Einheit
Short-time withstand current duration	1000	ms
Creepage distance	1650	mm
Clearance to earth and between phases	530	mm
Clearance across the isolating distance	500	mm