

## General

<b>Subject</b>	TracFeed® MTS-I 25 kV 1,7 kA
<b>Manufacturer</b>	Rail Power Systems GmbH
<b>Material number</b>	3EGF015852
<b>Type of unit</b>	Pole mounted disconnecter



## Mechanic values

	Wert	Einheit
Mass	30	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