Doc.-No.: Project: 3EGF003298D0005 Data Sheet TracFeed[®] MTS 3EGF018093



Product Manufacturer Material number TracFeed[®] MTS Earthing 25 kV 1,7 kA Rail Power Systems GmbH 3EGF018093



General

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

Mechanical values

	Value	Unit
Mass (ca.)	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	Ν
Switching force lever	750	Ν
Mechanical endurance class in accordance with EN 50152-2	3	
Permitted ice load	10	mm
Mechanical lifetime (switching cycles)	30 000	

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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 (<i>U</i> _n)	25	kV
Rated voltage (<i>U</i> _r)	27,5	kV
Rated insulation voltage (U _{Nm})	36	kV
Rated impulse voltage (U_{Ni})	250	kV
Short-duration power-frequency withstand voltage (U_d)	95	kV
Rated continuous current (<i>I</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>I</i> _p)	100	kA
Creepage distance	915	mm
Clearance to earth and between phases	465	mm
Clearance across the isolating distance	475	mm

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