

## TRS3 Series SPD

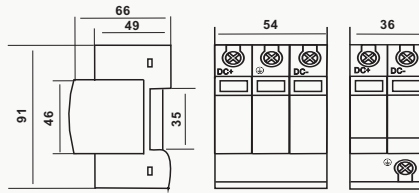
SPD V type -surge protector of V installation  
 Pluggable module, visual fault signalling

- Varistor surge protector
- Installation of V system
- For protection of V systems here the separating park-over distance is kept without PS.
- Optional remote fault signalling(s)

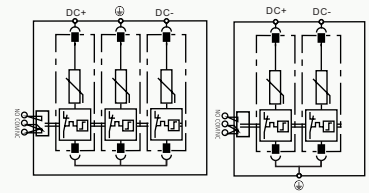
Product



Dimension



Basic circuit diagram



T2 DC SPD

Parameter/Type	TRS3-C40				
Maximum operating voltage mode +/- , PE , - PE $U_{cpv}$	500V $\text{Ⓢ}$	600V $\text{Ⓢ}$	800V $\text{Ⓢ}$	1000V $\text{Ⓢ}$	1500V $\text{Ⓢ}$
Nominal discharge current (8/20 $\mu$ s) $I_n$	20kA				
Maximum discharge current (8/20 $\mu$ s) $I_{max}$	40kA				
Voltage protection level mode + PE , - PE $U_p$	$\leq 2,0kV$	$\leq 2,3kV$	$\leq 3,6kV$	$\leq 4,0kV$	$\leq 5,2kV$
Short-circuit current rating $I_{scpv}$	100A				
Response time $t_a$	< 25ns				
Cross-section of connected conductors solid (m in max)	16mm <sup>2</sup> / 35mm <sup>2</sup>				
Cross-section of connected conductors stranded (m in max)	16mm <sup>2</sup> / 35mm <sup>2</sup>				
Fault indication	red indication led				
Remote indication	potential-free change-over contact				
Remote indication contacts	250V/0,5A $\text{Ⓢ}$ , 250V/0,1A $\text{Ⓢ}$				
Cross-section for remote indication conductors	1,5mm <sup>2</sup>				
Degree of protection	IP20				
Range of operating temperatures (m in / max)	-40 +70				
Humidity range	5% ~ 95%				
Mounting	DIN rail 53mm				
According to standard	EN 1643-31:2012, IEC 1643-31:2011/T2				
Remarks	Other construction can be customized.				