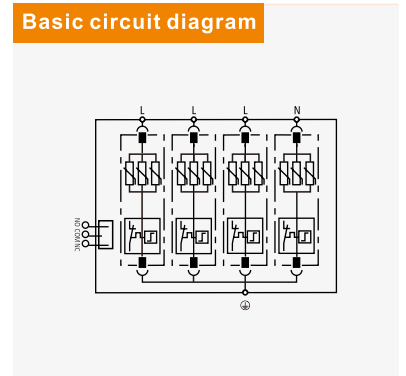
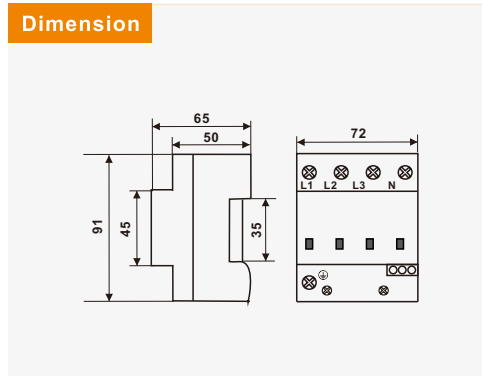


**TRS8 DC Series SPD**

SPD type 1+2–surge arrester, MOV+GDT  
visual fault signalling

- Varistor and GDT surge arrester
- Installation to main distribution or sub–distribution boards
- For protection of installations and equipments against impact of induced overvoltage during a lightning strike or switching overvoltages.
- Optional remote fault signalling(s)



Parameter/Type		TRS8-DC1500
Max. PV Operating Voltage	$U_{cpv}$	1500V DC
Lightning impulse current(10/350 $\mu$ s)	$I_{imp}$	5kA
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	$U_p$	$\leq 5,2kV$
Short–circuit current rating	$I_{scpv}$	10kA
Response time	$t_a$	< 25ns
Cross–section of connected conductors solid(min/max)		16mm <sup>2</sup> /35mm <sup>2</sup>
Cross–section of connected conductors stranded(min/max)		16mm <sup>2</sup> /35mm <sup>2</sup>
Fault indication		red indication field
Remote indication		potential–free change–over contact
Remote indication contacts		250V/0,5A AC, 250V/0,1A DC
Cross–section of remote indication conductors		1,5mm <sup>2</sup>
Degree of protection		IP20
Range of operating temperatures (min/ max)		-40°C~ +85°C
Humidity range		5%~95%
Mounting		DIN rail 35 mm
According to standard		EN61643–31:2012, IEC61643–31:2011/T1+T2
Remarks		Other $U_{cpv}$ can be customized. (1200VDC, 1500VDC, etc.)

T1+T2 DC SPD