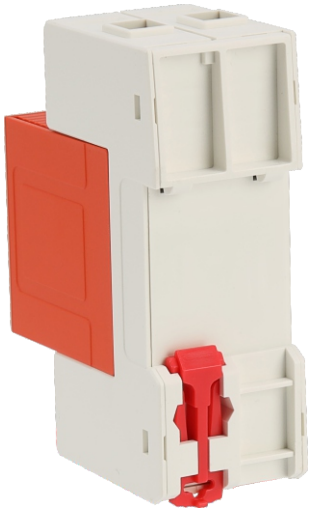
DC Surge protective device

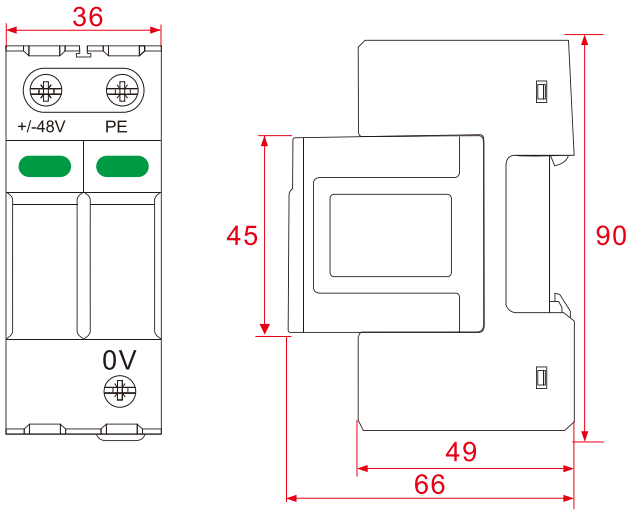




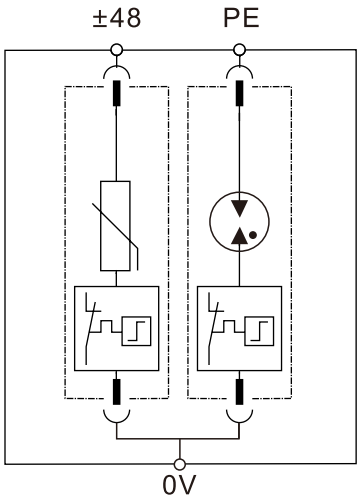
- Category: Type 2
- Location of use: 48V DC Power system
- Network systems: DC systerm
- Protection elements: MoV+GDT
- Mechanical status indicator: Green/ Red flag
- Compliance with standards: IEC61643-11
- SPD with remote signal: Can be option if need

Type code	TRS4-48M
Type	T2
Number of poles	2P
Maximum operating voltage U_c	75VDC
Nominal discharge current (8/20μs) I_n	20kA
Maximum discharge current (8/20μs) I_{max}	40kA
Voltage protection level mode +/PE,-/PE U_p	≤0.6kV
Response time t_A	≤25ns
Ambient temperature (operating) T_a	-40...+85 °C
Cross section of cables connected to terminals	16mm²/35mm² (solid/flexible)
Mounting	35mm rail mount
Cover protection category	IP20
Remote indication contacts (Option)	250V/0,5A AC,250V/0,1A DC
Cross-section of remote indication conductors	1.5mm²

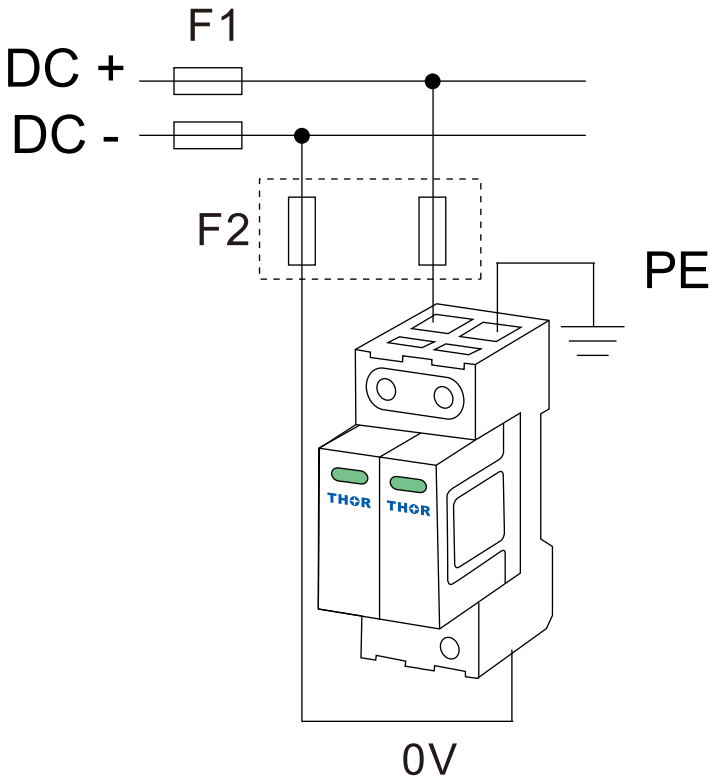
Dimension (mm.)



Circuit diagram



Wiring Diagram



1+1
Connection

CERTIFICATE OF COMPLIANCE

Certificate Number	20160104-E335803
Report Reference	E335803-20151030
Issue Date	2016-JANUARY-04

This is to certify that representative samples of	COMPONENT - SURGE-PROTECTIVE DEVICES See Addendum Page
	Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.
Standard(s) for Safety:	UL 1449, Surge Protection Devices. CSA C22.2 No. 269.5-15, Surge protective devices - Type 5 ☐ Components
Additional Information:	See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at http://ul.com/aboutul/locations/