

THOR

SURGE PROTECTION DEVICE

Small Footprint Giant Protection

Domestic and commercial

About us

THOR specialized in manufacturing surge protection device since 2006. We produce SPD include AC power SPD, DC power SPD, PV SPD, Ethernet SPD, RF SPD, etc.

Contact us

ZHEJIANG THOR ELECTRIC CO., LTD
Add: Qianyangdong Industrial Zone,
Yueqing city, Zhejiang Province, China
Post code: 325604
Mob 1/WhatsApp: +86 18969702600
Mob 2/WhatsApp: +86 15397351020
Web: www.thorspd.com



UK
CA

CE CB

Product introduction and features

TRS2-C40 Compact Surge Protection Devices (SPDs) are designed to provide high-level, reliable surge protection while minimizing space requirements in electrical cabinets, making them ideal for residential, commercial, and DIN-rail applications. They offer similar protective capabilities to larger, traditional surge arresters but with increased flexibility and easier installation.

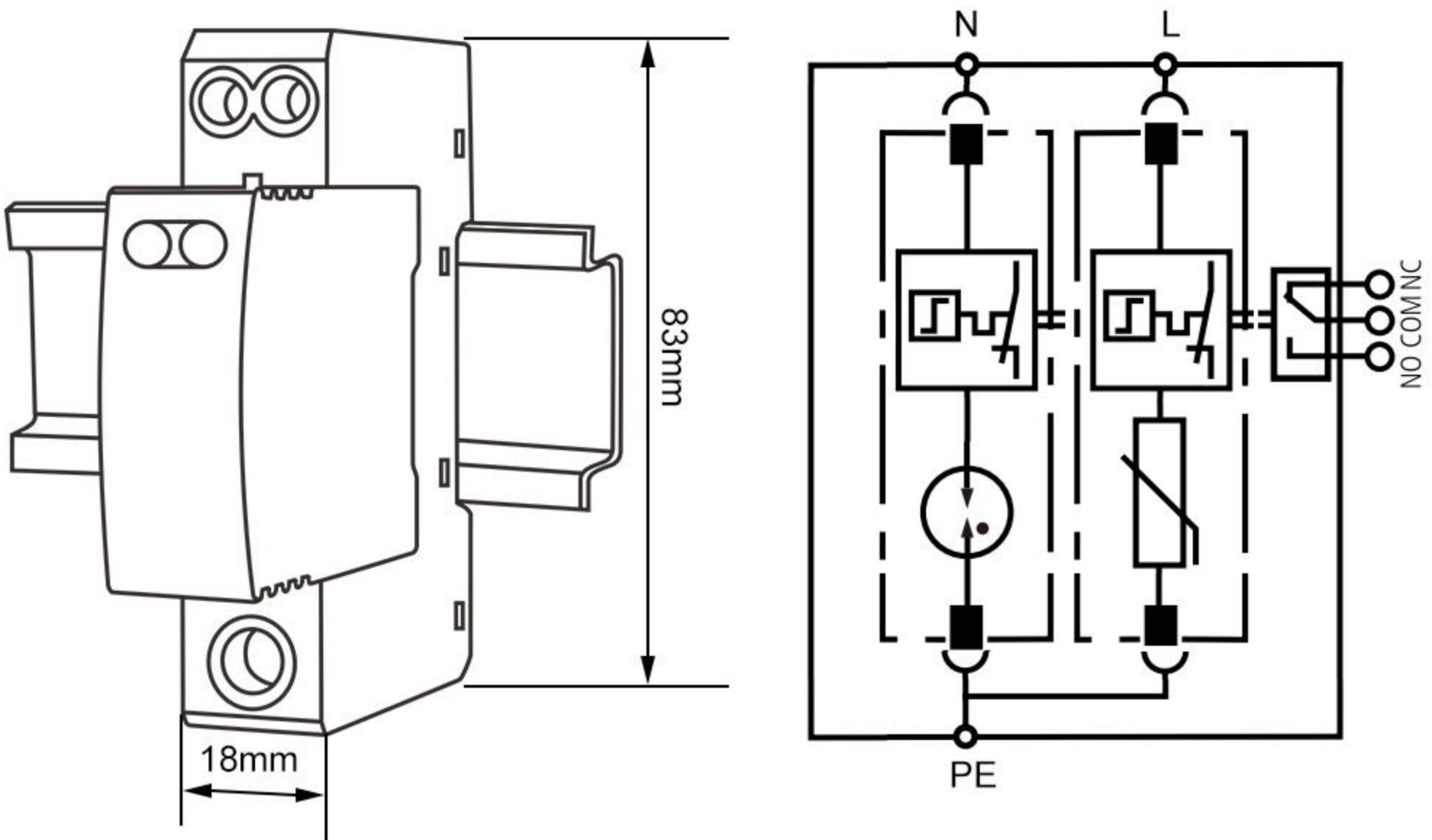
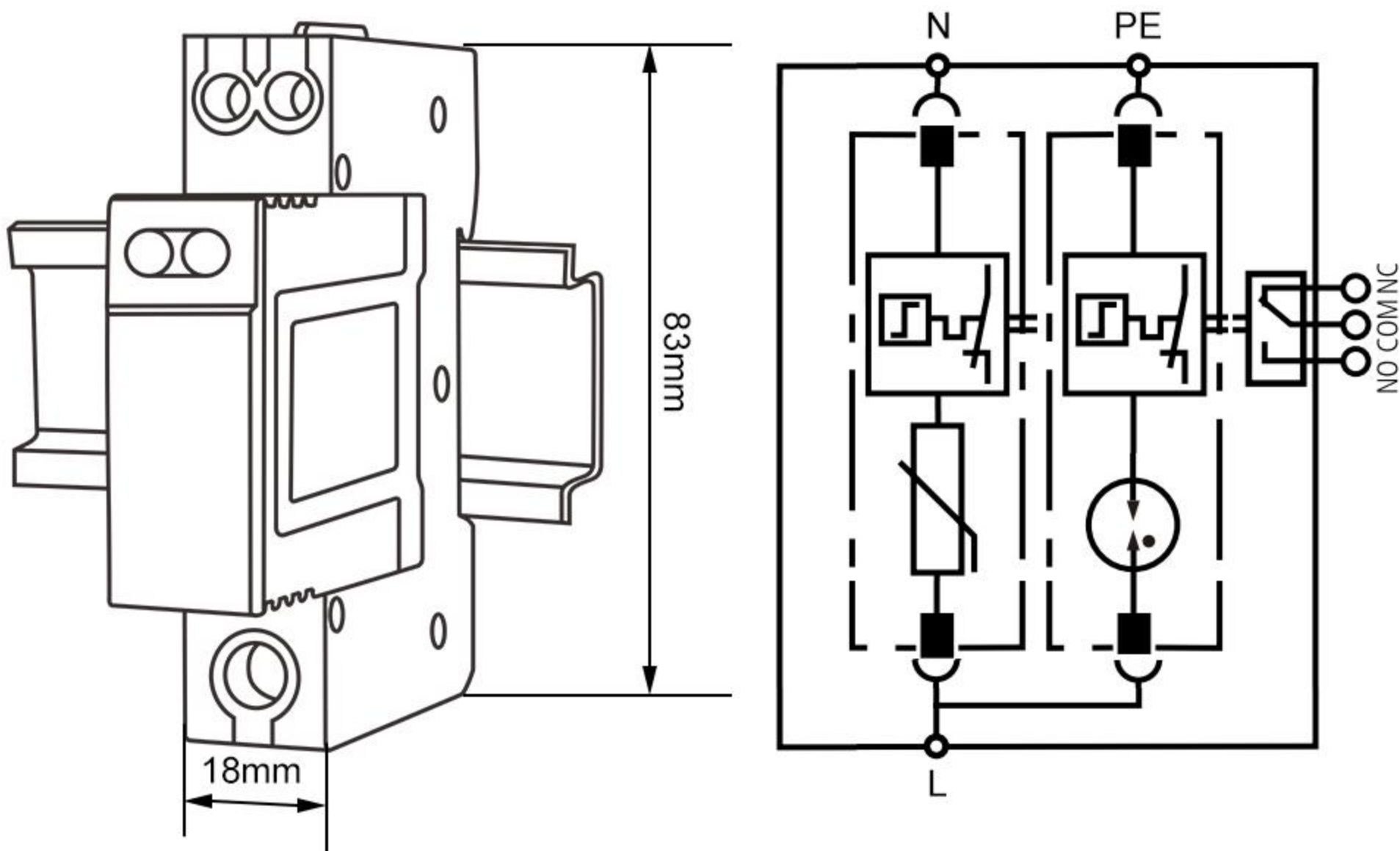
- Space-Saving and Modular Design
- High Performance and Reliability
- Advanced Protection Technology
- Visual Status Indicators
- Modular Structure & Easy Installation



Remote signalling contacts can be optional

Remote Signalling Contact	
	AC: 250 V / 0.5 A
	DC: 250 V / 0.1 A
	125 V / 0.2 A
75 V / 0.5 A	
max. 1.5 mm	

Dimension and wiring diagram



Main Parameters

Type	TRS2-C40	
The Model of protection	1P+N	
Nominal volatge	U_n	230V AC
Maximum operating voltage	U_c	L-N:275VAC; N-PE:255VAC
Nominal discharge current (8/20μS)	I_n	20kA
Maximum discharge current (8/20μS)	I_{max}	40kA
Voltage protection level	U_p	≤1.5KV
Response time	t_A	L-N:≤25ns; N-PE:≤100ns
Range of operating temperatures	40°C~+85°C	
According to standard	EN61643-11:2012,IEC61643-11:2011/T2	

