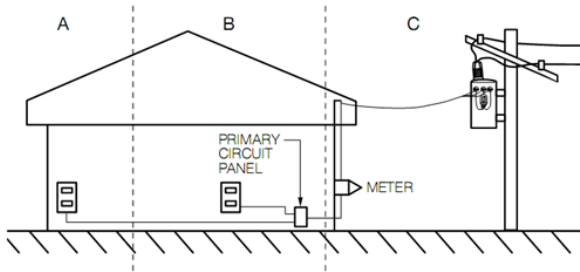


APS- TRX40 SPD

Distribution Transformer Protection



MAIN FEATURES

The APS- TRX40 surge arrester adopts UL certified high-performance MOV technology as its core component, with high surge discharge capacity and low voltage protection level. It can effectively suppress the transient over voltage on power lines caused by lightning strikes and other electrical sources. The APS-TRX40 is designed for transformer low-voltage connections. Protection against the risk of the harmful effects of transient surges results in smooth operation and reliability of a transformer resulting in extended life of the asset. The APS-TRX40 uses a high grade stainless steel housing with a high waterproof and flame resistant packaging. It is ideal for long term use in harsh natural exposed environments.

- Compliance with UL14494th, IEEE Std C62.11™
- Wide voltage range single-phase power protection
- The APS-TRX40/240-2P is suitable for 120/240V single phase networks with large voltage fluctuation
- Max discharge current 40kA(8/20 uS)
- Waterproof and flame resistant IP68 (or NEMA6P)
- Easy installation, with 60cm connection wire. Connect directly to the phase and neutral (or ground) on the LV side of the transformer.

TECHNICAL SPECIFICATIONS

Part. No		APS-TRX40
In accordance with		UL1449 4 th edition, IEEE Std C62.11
Category IEC / VDE		I+II / B+C
Max. Continuous Operating Voltage (V)	AC- Uc	240VAC
Nominal Discharge Current (8/20)	I _n	5kA
Max. Discharge Current (8/20)	I _{max}	40kA
Voltage impulse	@1.2/50 U _{oc}	10kV
Voltage Protection level Up	@3kA	<1.2kV
	@20kA	<1.8kV
Leakage current I _L		0.1mA
Flow Current I _f		No
Response Time		<25ns
Insulation Withstand Voltages		6KV rms
Temporary Overvoltage TOV U _T		335Vac, 5s
Operating Temperature Range		-40 Deg ~ + 85 Deg
Task Type		Light Duty
Wire Connection		L: Black wire; N/GL: White wire
Wire Specification		UL1015 10AWG; 60cm
Mounting		Fix by screw
Dimensions (HxWxD)		80x45x19.5mm
Enclosure Material		304 Stainless
Insulation Material		Epoxy Resin
Degree of Protection		IP68 (or NEMA6P)



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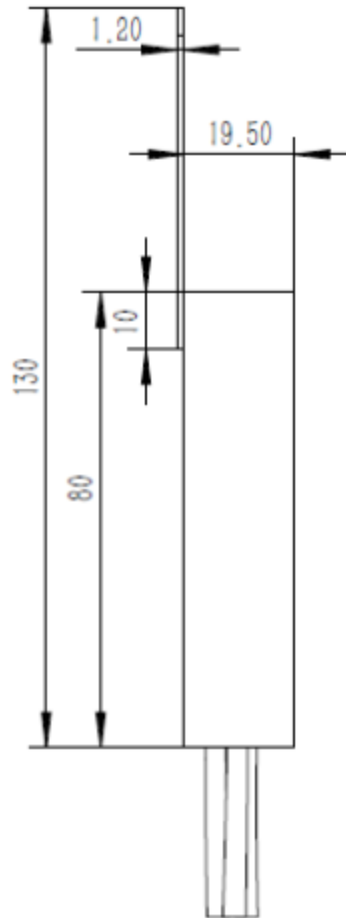
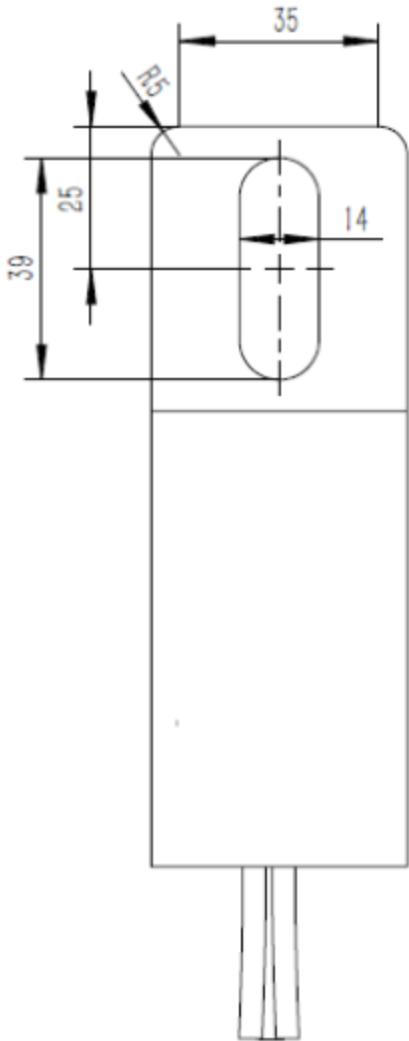
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APS- TRX40 SPD

Distribution Transformer Protection



DIMENSIONS



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