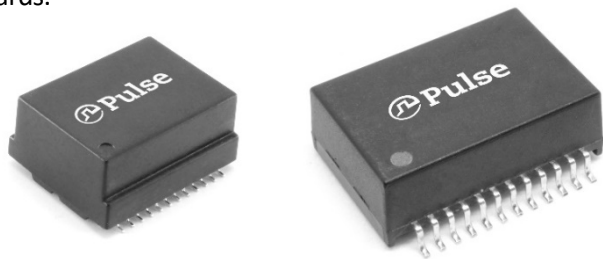


High Isolation Transformers

For Industrial and Medical applications

Pulse Electronics Networking has released products dedicated to supporting the safety requirements where high working voltages, surges and transient voltages are present. Especially aimed towards the Energy, Smart Metering, Industrial control and Measurement, and Medical market sectors. Pulse parts have multiple options for working voltages, isolation voltages, and surge/impulse. In addition, we can meet functional, basic, supplementary, and reinforced insulation requirements. Our parts are designed to meet the most stringent safety standards.



Features and Benefits:

- Small footprint for High Isolation
- Meets or exceeds relevant safety standards for Industrial and medical applications
- Insulation supports >4KV for 1 minute.
- Added Surge or Impulse Tested options
- Operate temperature -40°C up to +85°C
- optimized for use in Industrial Fast Ethernet, 1 and 2,5 Gigabit, TSN and other LVDS links
- Supports remote DC power feeding by PoE/PoE+

Application:

- Electricity Meters - 2 & 3 Phase
- Battery Management solutions
- Instrumentation and Measurement links
- AC Motor Drives
- MRI Machine, CPAP, Dialysis Equipment
- Industrial remote Access Points & Sensors

PART NUMBER	Speed	INSULATION	IEC STD (working Voltage)	SURGE or IMPULSE	Voltage Breakdown	SIZE (mm) (L x W x H)
HX1224CNL	100Base-TX	Reinforced >4mm Creepage. >5mm Clearance	IEC60950 250Vrms UL file# E133523	-	4KV rms / 60s	13.6 x 15.0 x 6.2
HX1333NL	100Base-TX	Reinforced >8.6mm C/C	IEC60950 600V	12KV Impulse per IEC61010	4.5KV rms / 60s	17.1 x 14.7 x 8.6
HX1339NL	100Base-TX	Supplementary >10mm Creepage >7mm Clearance	IEC61010-1 250V	-	4.5KV rms / 60s	15.2 x 15.2 x 7.6
H5187NL	1000Base-T	Functional	IEC60950	-	5KV rms / 60s	18.5 x 15.9 x 9.8
HX5026NL	1000Base-T	Functional	IEC60950	-	4KV rms / 60s	18.2 x 16.0 x 6.6
HX5224CNL	1000Base-T	Reinforced >4mm Creepage >5mm Clearance	IEC60950 250Vrms UL file# E133523	-	4KV rms / 60s	18.5 x 15.9 x 9.8
HX4019NL	2.5GBase-T	Functional	IEC60950	4KV impulse	3KV rms / 60s	18.2 x 16.0 x 6.6