

Phase 2 Phase (P2P) Isolating Transformer

Technical Specifications V1.2



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A. Typical Applications

Item	Parameter
Description	Phase 2 Phase (P2P) Isolating Transformer
Uses	<p>The phase-to-phase fault locator transformer is used in conjunction with Vivax-Metrotech 10-watt transmitters to trace and pinpoint phase-to-phase short circuit faults in low-voltage three-phase electrical circuits.</p> <p>Please refer to user instructions for detailed instructions on using the P2P.</p>

B. Characteristics

Item	Parameter
Construction	ABS
Weight	5.3lbs (2.4kg)
Dimension	10.6in(L) x 8.5(W) x 4.1in(H) (270mm x 215mm x 105mm)
Display	1.28" 128 x 128 black and white dot matrix LCD
Power Supply	9V DC PP3 battery
Battery	1 x 9V Alkaline (6LR61)
Ingress Protection	IP54 (Lid closed)
Temperature Range	<p>Operating: 0°C to 50°C (+32°F to +122°F)</p> <p>Storage : -20°C to 80°C (-4°F to +176°F)</p>
Connection Cable	<ul style="list-style-type: none"> - Earth Lead - Fused Leads <ul style="list-style-type: none"> • 3.15A, 500V, Very Fast Acting (FF), 6.3 x 32mm, UL recognized - Connection to vLoc Tx Output
LCD	3.5 digit
Maximum Current	1.99A RMS
Manufacturing	Designed and manufactured per ISO 9001:2015
Compatible Transmitters	<p>Loc-10Tx</p> <p>Loc3-10Tx</p> <p>Loc3-10SiSTx</p>

C. Operational

Phase 2 Phase (P2P) Isolating Transformer “Fault Locate” Output Connection

Item	Parameter
Rated Connection	Rated for connection to CAT III mains circuits up to 500V phase-to-phase
Fuse Rating	3.15A, 500V, Very Fast Acting (FF), 6.3 x 32mm, UL recognized
Fuse Type	ABB/ABB-A 3.15A
Operating Frequency Range	640Hz – 1.5kHz
Maximum Phase to Phase Voltage Differential	20V RMS at 50/60Hz (Fault Locate Output Connection) 500V RMS at 50/60Hz (Trace Output Connection)
Operating Signal Power	10-watts maximum
Optimal Operating Frequency	Trace: 32.768 kHz Fault locate: 640Hz – 1.17kHz

D. Shipping and Packaging

Item	Parameter
Shipping Dimension	14.6in(L) x 9(W) x 4.4in(H) (370mm x 228mm x 112mm)
Shipping Weight	6.33lbs (2.87kg)

E. Warranty

Item	Parameter
Warranty	12 months

All products are designed and manufactured per ISO 9001:2015.

Disclaimer: Product and accessory specification and availability information are subject to change without prior notice.