

5 kVA Hazardous Location Isolation Transformer - 460V Primary - 230V Euro Secondary - NEMA 3R - 1 Phase
MT-HAL-1P-460V-5KVA-230V.EU-N3R-CU



The MT-HAL-1P-460V-5KVA-230V.EU-N3R-CU from Larson Electronics is a 460 V 1 Phase Energy Efficient Isolation Transformer that is powerful, reliable and designed with the environment in mind. Suitable for both indoor and outdoor applications, the MT-HAL-1P-460V-5KVA-230V.EU-N3R-CU provides increased reliability, protection against critical equipment failures and an extra level of protection by isolating the power source from the connected device. The lower operating costs, lower heat emissions and lower cost of ownership make this transformer ideal for a wide range of applications and businesses. The MT-HAL-1P-380V-5KVA-480V-N3R-CU is rated for use in Class I Division 2 Groups A, B, C & D and Class I Zone 2 Group IIC, T3 hazardous locations.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS

Transformer Features: With a transformer rating of 5 kVA, the MT-HAL-1P-460V-5KVA-230V.EU-N3R-CU isolation transformer is a single phase unit with a primary voltage of European 230 V single phase. This transformer takes 460 V (L+N) and converts it to 230 V single phase (L1+N). This L1+N model is considered European 230 V. Featuring robust construction, this unit's cores are manufactured with non-aging, cold-rolled silicon steel laminations using state of the art technology.

This unit boasts a low cost of ownership and is highly energy efficient. Lower heat emissions mean less cooling is needed as well. The Standard Type 3R enclosure makes the unit suitable for both indoor and outdoor applications and it can be either floor or wall mounted. The unit also features 180°C insulation with a 115°C temperature rise and is rated IP24.

Benefits: The MT-HAL-1P-460V-5KVA-230V.EU-N3R-CU isolation transformer offers many benefits to the consumer. Precision cut copper transformer winding material help to improve performance. The close tolerances used during manufacturing also eliminates burrs which hinder performance. Each core is specially coated to prevent the ingress of moisture and are electrically balanced to minimize axial forces during short circuit situations.

This transformer provides owners with significant energy savings as well as offering environmental benefits. Higher efficiency not only extends the life of the transformer, but also turn into cost savings for owners in the form of lower energy bills and decreased cost of ownership. Integrated floor and wall mounting brackets make installation fast and easy and the offset outward facing floor installation holes allow for easy power tool access.

Safety: The MT-HAL-1P-460V-5KVA-230V.EU-N3R-CU is an isolation transformer which means that it provides operators with an increased level of protection against electric shock. An isolation transformer can also suppress electrical noise in sensitive devices and transfer power between two circuits which must not be



connected. The MT-HAL-1P-460V-5KVA-230V ED-N3R-CU achieves these safety features by separating or "isolating" the powered device from the power source and insulation between the primary and secondary power sources.

Applications: Power supplies for sensitive equipment such as computers, medical devices, or laboratory instruments.

Larson Electronics is a manufacturer and as such can build stationary and portable transformer systems to your specifications. Although we carry several models of power distribution transformer systems, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.

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