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SINGLE PHASE TRANSFORMERS - 2 PRI, 1 SEC

TR 28 2.1

680025037
Transformer, 2 x Primary 230/400, Secondary 48VAC, 25 VA



- 2 Primary and 1 Secondary Voltages
- IP20 Touch-Safe
- 25 VA to 1000 VA
- Welded magnetic core

PRODUCT DESCRIPTION

DF Electric TR28 transformers offer numerous benefits for machine builders and panel builders, making them an excellent choice for their projects. These transformers are specifically designed to provide reliable power conversion and distribution, offering the following advantages:
DF Electric offer closed transformers which come with many benefits including enhanced safety, better protection against industrial environments, improved noise reduction, better efficiency and ensure a much sleeker appearance.
Efficient Power Conversion: DF Electric TR28 transformers ensure efficient power conversion from one voltage level to another. They effectively step up or step down voltage, allowing machine builders and panel builders to match the electrical requirements of their equipment or systems. This efficient power conversion helps optimize performance, minimize energy wastage, and ensure proper functioning of electrical components.

Compact and Space-Saving Design: The TR28 transformers are designed with a compact footprint, making them suitable for applications where space is a constraint. Machine builders and panel builders can integrate these transformers into tight spaces without compromising on performance. The compact design of TR28 transformers also simplifies installation and enables efficient use of panel space.

Enhanced Safety Features: DF Electric TR28 transformers prioritize safety in machine and panel applications. They are equipped with features such as thermal protection, overcurrent protection, and short-circuit protection, safeguarding both the equipment and the operators. These safety features mitigate the risk of electrical hazards and protect against potential damage caused by abnormal operating conditions.
Versatility and Compatibility: TR28 transformers offer versatility and compatibility with a wide range of equipment and systems. They can be utilized in various industries and applications, including industrial automation, manufacturing, HVAC systems, control panels, and more. Their ability to accommodate different voltage levels and power requirements makes them a flexible choice for machine builders and panel builders.

TECHNICAL DATA

GENERAL DATA

Phase	Single
Type	Control, safety & isolating
Primary voltage	230/400 V
Secondary voltage	48V
Power	25VA
Instant power	45VA
Frequency	50/60 Hz
Dielectric strength pri-sec	4.5 kV
Dielectric strength windings	2.5 kV

RATED OPERATING CONDITIONS

Rated ambient temperature	40 °C
Operational temperature	-20°C ... +70°C
Storage temperature	-40°C ... +85°C

DIMENSIONS

Length	64.5 mm
Width	68.5 mm
Height	92.2 mm
Mounting	TS 35, Direct mount

SAFETY & APPROVALS

Protection class	1
IP class	IP20
Approvals	CE, RoHS, IEC/EN 61558-1, IEC/EN 61558-2-6, IEC/EN 61558-2-2

ADDITIONAL DATA

Tariff code	85043180
Country of origin	ES

Weight	0.8 kg

