



PRODUCT-DETAILS

# TM-S 50/24-48 P

## TM-S 50/24-48 P Single phase control and safety transformer



General Information	
Extended Product Type	TM-S 50/24-48 P
Product ID	2CSM204653R0801
EAN	8012542046530
Catalog Description	TM-S 50/24-48 P Single phase control and safety transformer
Long Description	Isolation transformer for supplying safety extra low voltage circuits (<50 V on no load). Accidental contact with the secondary winding phases can be withstood without any danger.

Technical	
Standards	EN 61558-2-4 (on secondary circuit at 48V) EN61558-2-6 (on secondary circuit at 24V) UL506 , CSA C22-2-N66
Rated Insulation Voltage (U <sub>i</sub> )	4.8 kV
Primary Voltage	230-400 ±15 V AC
Secondary Voltage	24-48 V AC
Rated Frequency (f)	50/60 Hz
Power Loss	9 W
Power Supply	50 V·A
Insulation Class	F

Fuse Type	aM
Material of Conductor	Copper
Cable Cross-Section	6 mm <sup>2</sup>

## Material Compliance

RoHS Information	9AKK106713A5642
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20190722
REACH Declaration	9AKK108467A9482
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Environmental

Ambient Temperature	max. 40 °C
Environmental Information	See RoHS Information

## Dimensions

Product Net Width	80 mm
Product Net Height	0.069 m
Product Net Depth / Length	74 mm
Product Net Weight	1.100 kg

## Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	1.1 kg

## Certificates and Declarations

Certification Agency	ENEC, UR, CSA
Declaration of Conformity - CE	9AKK106713A5642
UL Certificate	9AKK108467A9066

## Installation

Instructions and Manuals	No document needed
Wiring Diagram	9AKK108466A7519

## Popular Downloads

Data Sheet, Technical Information	2CSC446005B0202
Inrush Power Curve	9AKK108467A2987
Transformer Protection Selection Table	9AKK108467A2982
Power Draw According to Altitude	9AKK108467A2983
Power Draw According to Temperature	9AKK108467A2985

Admissible Overload

9AKK108467A2986

---

### Classifications

---

ETIM 8	EC002486 - One-phase control transformer
ETIM 9	EC002486 - One-phase control transformer
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	85043190
eClass	V11.0 : 27031302
Object Classification Code	T

---

### Categories

---

Low Voltage Products and Systems → Modular DIN Rail Products → Command and Signalling Devices → Industrial Single-Phase Transformers

