



PRODUCT-DETAILS

# TM-S 320/24-48 P

## TM-S 320/24-48 P Single phase control and safety transformer



| General Information   |                                                                                                                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | TM-S 320/24-48 P                                                                                                                                                                       |
| Product ID            | 2CSM204673R0801                                                                                                                                                                        |
| EAN                   | 8012542046738                                                                                                                                                                          |
| Catalog Description   | TM-S 320/24-48 P Single phase control and safety transformer                                                                                                                           |
| Long Description      | Isolation transformer for supplying safety extra low voltage circuits (<50 V on no load).<br>Accidental contact with the secondary winding phases can be withstood without any danger. |

| Technical                                  |                                                    |
|--------------------------------------------|----------------------------------------------------|
| Standards                                  | EN 61558-2-2, EN 61558-2-6 , 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                                 | 36 W                                               |
| Power Supply                               | 320 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<br>Reporting Template<br>(CMRT) | 9AKK108468A3363                   |

### Environmental

|                              |                      |
|------------------------------|----------------------|
| Ambient Temperature          | max. 40 °C           |
| Environmental<br>Information | See RoHS Information |

### Dimensions

|                               |          |
|-------------------------------|----------|
| Product Net Width             | 123 mm   |
| Product Net Height            | 0.091 m  |
| Product Net Depth /<br>Length | 102 mm   |
| Product Net Weight            | 4.400 kg |

### Ordering

|                                 |             |
|---------------------------------|-------------|
| Package Level 1 Units           | box 1 piece |
| Package Level 1 Gross<br>Weight | 4.4 kg      |

### Certificates and Declarations

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

### Installation

|                             |                    |
|-----------------------------|--------------------|
| Instructions and<br>Manuals | No document needed |
| Wiring Diagram              | 9AKK108466A7523    |

### Popular Downloads

|                                      |                 |
|--------------------------------------|-----------------|
| Data Sheet, Technical<br>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

