

# ESP 415/III/TT



Products → Low Voltage Products and Systems → Surge Protective Devices → IEC/EN standard  
→ Furse ESP Mains power protection

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→ Furse special products

## General Information

|                               |  |
|-------------------------------|--|
| <b>Extended Product Type:</b> | ESP 415/III/TT   |
| <b>Product ID:</b>            | 7TCA085460R0026  |
| <b>EAN:</b>                   | 5414363477624  |
| <b>Catalog Description:</b>   | ESP 415/III/TT Surge Protective Device   |
| <b>Long Description:</b>      | ESP 415/III/TT TYPE 1+2 POWER SPD FOR SINGLE PHASE 415V TT S<br>UPPLIES, 12.5KA 10/350 |

## Ordering

|                                |               |
|--------------------------------|---------------|
| <b>EAN:</b>                    | 5414363477624 |
| <b>Minimum Order Quantity:</b> | 1 piece       |
| <b>Customs Tariff Number:</b>  | 8536308000    |

## Dimensions

|                            |         |
|----------------------------|---------|
| <b>Product Net Width:</b>  | 72 mm   |
| <b>Product Net Height:</b> | 90 mm   |
| <b>Product Net Depth:</b>  | 68 mm   |
| <b>Product Net Weight:</b> | 0.67 kg |

## Container Information

|                               |               |
|-------------------------------|---------------|
| <b>Package Level 1 Units:</b> | 1 piece       |
| <b>Package Level 1 EAN:</b>   | 5414363477624 |

## Environmental

|                                 |                          |
|---------------------------------|--------------------------|
| <b>Ambient Air Temperature:</b> | Operation -40 ... +80 °C |
|---------------------------------|--------------------------|

## Additional Information

|  |                                 |
|--|---------------------------------|
| <b>Arrester Class:</b>                                       | I<br>II                         |
| <b>Connection Type:</b>                                      | Screw clamp                     |
| <b>Discharge Current:</b>                                    | Nominal 25 kA<br>Maximum 100 kA |
| <b>Maximum Continuous Operating Voltage (U<sub>c</sub>):</b> | 320 V                           |

|  |  |
|--|--|
| <b>Nominal AC Voltage of the System (U<sub>o</sub>):</b> | 230 V  |
| <b>Number of Protected Poles:</b>                        | 4  |
| <b>Product Main Type:</b>                                | Power SPD  |
| <b>Product Name:</b>                                     | Surge Protective Devices   |
| <b>Rated Frequency (f):</b>                              | 50 / 60 Hz   |
| <b>Short Circuit Withstand I<sub>cc</sub>:</b>           | 25 kA  |
| <b>Standards:</b>  | IEC 61643-11   |
| <b>Suitable For:</b>                                     | To protect systems against transient overvoltages or surges from lightning and electrical switching events |
| <b>Temporary Overvoltage Test Value (U<sub>T</sub>):</b> | 350 V  |
| <b>Type of Low Voltage Distribution System:</b>          | TT   |
| <b>Voltage Protection Level ( U<sub>p</sub>):</b>        | 1.5 kV   |
| <b>Wire Stripping Length:</b>                            | 11 mm  |

## Certificates and Declarations (Document Number)

|   |                 |
|---|-----------------|
| <b>Data Sheet, Technical Information:</b> | 9AKK10103A0349  |
| <b>Declaration of Conformity - CE:</b>    | 9AKK106713A1211 |
| <b>Instructions and Manuals:</b>          | 9AKK106713A1357 |

## Classifications

|                |   |
|----------------|---|
| <b>ETIM 4:</b> | EC000941 - Surge protection device for power supply systems |
| <b>ETIM 5:</b> | EC000941 - Surge protection device for power supply systems |
| <b>ETIM 6:</b> | EC000941 - Surge protection device for power supply systems |

