

# ESP PCB/06E



Products → Low Voltage Products and Systems → Surge Protective Devices → IEC/EN standard  
→ Furse ESP data & signal protection

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→ Furse special products

## General Information

|                               |  |
|-------------------------------|--|
| <b>Extended Product Type:</b> | ESP PCB/06E  |
| <b>Product ID:</b>            | 7TCA085400R0039  |
| <b>EAN:</b>                   | 5414363508045  |
| <b>Catalog Description:</b>   | ESP PCB/06E Surge Protective Device                              |
| <b>Long Description:</b>      | ESP PCB/06E 6V DATA SPD FOR DIRECT PCB MOUNTING HIGH PERFORMANCE |

## Ordering

|                                |               |
|--------------------------------|---------------|
| <b>EAN:</b>                    | 5414363508045 |
| <b>Minimum Order Quantity:</b> | 1 piece       |
| <b>Customs Tariff Number:</b>  | 8536308000    |

## Dimensions

|                                    |         |
|------------------------------------|---------|
| <b>Product Net Width:</b>          | 30 mm   |
| <b>Product Net Height:</b>         | 30 mm   |
| <b>Product Net Depth / Length:</b> | 30 mm   |
| <b>Product Net Weight:</b>         | 0.01 kg |

## Container Information

|                               |               |
|-------------------------------|---------------|
| <b>Package Level 1 Units:</b> | 1 piece       |
| <b>Package Level 1 EAN:</b>   | 5414363508045 |

## Environmental

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

## Additional Information

|   |                               |
|---|-------------------------------|
| <b>Connection Type:</b>   | Soldered                      |
| <b>Discharge Current:</b>                                       | I (max, 8 / 20 $\mu$ s) 10 kA |
| <b>Maximum Continuous Operating Voltage (<math>U_c</math>):</b> | 7.79 V                        |
| <b>Nominal AC Voltage of the System (<math>U_o</math>):</b>     | 6 V                           |
| <b>Number of Protected Poles:</b>                               | 3                             |

|   |  |
|---|--|
| <b>Product Main Type:</b>                         | Data SPD   |
| <b>Product Name:</b>                              | Surge Protective Devices   |
| <b>Rated Current (I<sub>n</sub>):</b>             | 1.25 A   |
| <b>Rated Frequency (f):</b>                       | 45 MHz   |
| <b>Standards:</b>                                 | IEC 61643-21   |
| <b>Suitable For:</b>                              | To protect systems against transient overvoltages or surges from lightning and electrical switching events |
| <b>Voltage Protection Level ( U<sub>p</sub>):</b> | 16 V   |

## Certificates and Declarations (Document Number)

|   |                 |
|---|-----------------|
| <b>Data Sheet, Technical Information:</b> | 9AKK10103A0059  |
| <b>Declaration of Conformity - CE:</b>    | 9AKK106713A1068 |
| <b>Instructions and Manuals:</b>          | 9AKK106713A1380 |

## Classifications

|                |   |
|----------------|---|
| <b>ETIM 4:</b> | EC000943 - Surge protection device for data networks/MCR-technology |
| <b>ETIM 5:</b> | EC000943 - Surge protection device for data networks/MCR-technology |
| <b>ETIM 6:</b> | EC000943 - Surge protection device for data networks/MCR-technology |

