

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

## General Information

<b>Extended Product Type:</b>	ESP 50E
<b>Product ID:</b>	7TCA085400R0116
<b>EAN:</b>	5414363169055
<b>Catalog Description:</b>	ESP 50E Surge Protective Device
<b>Long Description:</b>	ESP 50E 50V DATA SPD FOR 2 WIRE LINES UP TO 1.12.5A CURRENT

## Ordering

<b>EAN:</b>	5414363169055
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	8536301000

## Dimensions

<b>Product Net Width:</b>	120 mm
<b>Product Net Height:</b>	54 mm
<b>Product Net Depth:</b>	19 mm
<b>Product Net Weight:</b>	0.080 kg

## Container Information

<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 EAN:</b>	5414363169055

## Environmental

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

<b>Connection Type:</b>	Screw clamp
<b>Discharge Current:</b>	I (max, 8 / 20 μs) 10 kA
<b>Maximum Continuous Operating Voltage (U<sub>c</sub>):</b>	56.7 V
<b>Nominal AC Voltage of the System (U<sub>o</sub>):</b>	50 V
<b>Number of Protected Poles:</b>	1
<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>	65.0 V
<b>Wire Stripping Length:</b>	6 mm

## Certificates and Declarations (Document Number)

<b>Data Sheet, Technical Information:</b>	9AKK10103A0049
<b>Declaration of Conformity - CE:</b>	9AKK106713A0815
<b>Instructions and Manuals:</b>	9AKK106713A1363

## 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

