

# ESP 480M2



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

## General Information

<b>Extended Product Type:</b>	ESP 480M2
<b>Product ID:</b>	7TCA085460R0138
<b>EAN:</b>	5414363027836
<b>Catalog Description:</b>	ESP 480M2 Surge Protective Device
<b>Long Description:</b>	ESP 480M2 TYPE 1+2+3 POWER SPD FOR 3 PHASE 480V SUPPLIES, HIGH SURGE CURRENT RATING

## Ordering

<b>EAN:</b>	5414363027836
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	8536301000

## Dimensions

<b>Product Net Width:</b>	226 mm
<b>Product Net Height:</b>	204 mm
<b>Product Net Depth:</b>	78 mm
<b>Product Net Weight:</b>	2.35 kg

## Container Information

<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 EAN:</b>	5414363027836

## Environmental

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

<b>Arrester Class:</b>	I II III
<b>Connection Type:</b>	Screw clamp
<b>Discharge Current:</b>	Nominal 20 kA I (max, 8 / 20 μs) 80 kA
<b>Maximum Continuous Operating Voltage (U<sub>c</sub>):</b>	350 V
<b>Nominal AC Voltage of the System (U<sub>o</sub>):</b>	277 V

<b>Number of Protected Poles:</b>	7
<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 Icc:</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>	402 V
<b>Type of Low Voltage Distribution System:</b>	TN TT
<b>Voltage Protection Level ( U<sub>p</sub>):</b>	680 V
<b>Wire Stripping Length:</b>	17 mm

## Certificates and Declarations (Document Number)

<b>Data Sheet, Technical Information:</b>	9AKK10103A0356
<b>Declaration of Conformity - CE:</b>	9AKK106713A1080
<b>Instructions and Manuals:</b>	9AKK106713A1360

## 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

