

ESP 277M1



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

General Information

Extended Product Type:	ESP 277M1
Product ID:	7TCA085460R0097
EAN:	5414363168904
Catalog Description:	ESP 277M1 Surge Protective Device
Long Description:	ESP 277M1 TYPE 1+2+3 POWER SPD FOR SINGLE PHASE 277V SUPPLIES

Ordering

EAN:	5414363168904
Minimum Order Quantity:	1 piece
Customs Tariff Number:	8536301000

Dimensions

Product Net Width:	60 mm
Product Net Height:	180 mm
Product Net Depth:	73 mm
Product Net Weight:	0.60 kg

Container Information

Package Level 1 Units:	1 piece
Package Level 1 EAN:	5414363168904

Environmental

Ambient Air Temperature:	Operation -40 ... +80 °C
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Additional Information

Arrester Class:	I II III
Connection Type:	Screw clamp
Discharge Current:	Nominal 20 kA I (max, 8 / 20 µs) 40 kA
Maximum Continuous Operating Voltage (U_c):	350 V
Nominal AC Voltage of the System (U₀):	277 V
Number of Protected Poles:	7
Product Main Type:	Power SPD
Product Name:	Surge Protective Devices
Rated Frequency (f):	50 / 60 Hz
Short Circuit Withstand I_{cc}:	25 kA
Standards:	IEC 61643-11
Suitable For:	To protect systems against transient overvoltages or surges from lightning and electrical switching events
Temporary Overvoltage Test Value (U_T):	402 V
Type of Low Voltage Distribution System:	TN TT
Voltage Protection Level (U_p):	680 V
Wire Stripping Length:	17 mm

Certificates and Declarations (Document Number)

Data Sheet, Technical Information:	9AKK10103A0354
Declaration of Conformity - CE:	9AKK106713A0855
Instructions and Manuals:	9AKK106713A1359

Classifications

ETIM 4:	EC000941 - Surge protection device for power supply systems
ETIM 5:	EC000941 - Surge protection device for power supply systems
ETIM 6:	EC000941 - Surge protection device for power supply systems

