



PRODUCT-DETAILS

ESP 480D1

ESP 480D1 Surge Protective Device



General Information	
Extended Product Type	ESP 480D1
Product ID	7TCA085460R0133
EAN	5415022008357
Catalog Description	ESP 480D1 Surge Protective Device
Long Description	ESP 480D1 TYPE 1+2+3 POWER SPD FOR 3 PHASE 480V SUPPLIES, LED STATUS INDICATION, DIN RAIL MOUNTING

Technical	
Standards	IEC 61643-11
Type of Low Voltage Distribution System	TN TT
Suitable For	To protect systems against transient overvoltages or surges from lightning and electrical switching events
Nominal AC Voltage of the System (U _o)	277 V
Voltage Protection Level (U _p)	680 V
Maximum Continuous	350 V

Operating Voltage (U _c)	
Temporary Overvoltage Test Value (U _T)	402 V
Discharge Current	Nominal 20 kA I (max, 8 / 20 μs) 40 kA
Short Circuit Withstand I _{cc}	25 kA
Rated Frequency (f)	50 / 60 Hz
Short-Circuit Protective Devices	≤ 125 A
Arrester Class	I II III
Number of Protected Poles	7
Connection Type	Screw Clamp
Remote Indicator	Yes
Wire Stripping Length	17 mm

Material Compliance

RoHS Information	9AKK108466A5046
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
REACH Declaration	9AKK108466A5047

Environmental

Ambient Air Temperature	Operation -40 ... +80 °C
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Dimensions

Product Net Width	144 mm
Product Net Height	90 mm
Product Net Depth / Length	88 mm
Product Net Weight	0.85 kg

Ordering

Package Level 1 Units	1 piece
EAN	5415022008357

Certificates and Declarations

Declaration of Conformity - CE	7TKK001514
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Installation

Instructions and Manuals	9AKK106713A1358
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Popular Downloads

Data Sheet, Technical Information	9AKK10103A0352
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Classifications

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	8536304000

Additional Information

Product Main Type	Power SPD
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Categories

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

