

PRODUCT-DETAILS

ESP 415M1

ESP 415M1 Surge Protective Device



General Information

Extended Product Type	ESP 415M1
Product ID	7TCA085460R0112
EAN	5414363086352
Catalog Description	ESP 415M1 Surge Protective Device
Long Description	ESP 415M1 TYPE 1+2+3 POWER SPD FOR 3 PHASE 415V SUPPLIES

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)	240 V
Voltage Protection Level (U_p)	600 V
Maximum Continuous Operating Voltage (U_c)	280 V
Temporary Overvoltage Test Value (U_T)	350 V
Discharge Current	Nominal 20 kA I (max, 8 / 20 μ s) 40 kA

Short Circuit Withstand Icc	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
Auxiliary Circuit Load	250Vac - 1A
Remote Indicator	Yes
Wire Stripping Length	17 mm

Environmental

Ambient Air Temperature	Operation -40 ... +80 °C
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Information	9AKK108466A5046
REACH Declaration	9AKK108466A5047

Dimensions

Product Net Width	60 mm
Product Net Height	180 mm
Product Net Depth / Length	73 mm
Product Net Weight	1 kg

Ordering

Package Level 1 Units	1 piece
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Certificates and Declarations

Declaration of Conformity - CE	7TKK001514
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Installation

Instructions and Manuals	9AKK106713A1359
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Popular Downloads

Data Sheet, Technical Information	9AAK10103A0354
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Classifications

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

Categories

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

