ESP 415/I/TNC

ABB

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

Products → Low Voltage Products and Systems → Surge Protective Devices → IEC/EN standard → Furse special products

General Information

Extended Product Type:	ESP 415/I/TNC
Product ID:	7TCA085460R0024
EAN:	5414363477693
Catalog Description:	ESP 415/I/TNC Surge Protective Device
Long Description:	ESP 415/III/TNC TYPE 1+2 POWER SPD FOR SINGLE PHASE 415V TNC SUPPLIES, 25KA 10/350

Ordering

EAN:	5414363477693
Minimum Order Quantity:	1 piece
Customs Tariff Number:	8536303090

Dimensions

Product Net Width:	54 mm
Product Net Height:	90 mm
Product Net Depth:	68 mm
Product Net Weight:	0.64 kg

Container Information

Package Level 1 Units:	1 piece
Package Level 1 EAN:	5414363477693

Environmental

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

Additional Information

Arrester Class:	I
	II
Connection Type:	Screw clamp
Discharge Current:	Nominal 25 kA
	Maximum 100 kA
Maximum Continuous Operating Voltage (U_c):	320 V
Nominal AC Voltage of the System (U_o):	230 V
Number of Protected Poles:	3
Product Main Type:	Power SPD
Product Name:	Surge Protective Devices
Rated Frequency (f):	50 / 60 Hz
Short Circuit Withstand Icc:	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):	350 V
Type of Low Voltage Distribution System:	TN-C
Voltage Protection Level (Up):	1.4 kV
Wire Stripping Length:	11 mm

Certificates and Declarations (Document Number)

Data Sheet, Technical Information:	9AKK10103A0349
Declaration of Conformity - CE:	9AKK106713A1211
Instructions and Manuals:	9AKK106713A1357

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

L1 L2 L3 N

if RED replace   250 AgL

furse

ESP 415/I/TNS

Enhanced Mains Protector

Iimp = 25kA/mode
Imax = 100kA/mode
In = 25kA/mode
Uc = 320VAC
Up (In) < 1.4kV
Up (Iimp) < 1.5kV

EN/IEC 61643

CE