



# ELIT SPD40-3PT2-385V-FM

Surge protection 3-pole T2 with GDT and signal contact for IT/TT and TN network. Uc 385V.

## Technical description

ELIT SPD40-3PT2 is a Type 2 surge protector specially designed for low voltage power supply systems between lightning protection zones 1-3 and higher. The protection is made with VT technology with a low clamping level ( $U_p$ ) compared to MOV technology. No follow current and no leakage current, intelligent distinguish power frequency current and surge current to guarantee long service life. Equipped with potential-free signal contact for notification of defective modules. Visual display of the protection status with green flag for OK module and red for defective module. Maximum discharge current  $I_{max}$  at 8/20 curve is 40kA,  $U_p < 2.0kV$  and response time of  $< 100ns$ . Fits on a standard 35mm DIN rail. Good connection options with large and solid connection terminals.

## Advantages:

Class II / class C surge protection with a maximum lead of 40kA 8/20  
Pluggable design for easy replacement and signal contact  
No follow current and no leakage current  
VT technology with low clamping level ( $U_p$ ) compared to MOV technology  
Large and solid connection terminals



Product name/ Art.nr/ GTIN	
ELIT SPD40-3PT2-385V-FM/ 21110001/ 7070811212506	
According to:	---
System configuration DC	No
System configuration IT	Yes
System configuration TN	Yes
System configuration TN-C	No
System configuration TN-C-S	No
System configuration TN-S	No
System configuration TT	Yes
System configuration other	No
Number of conductors (without earthing)	3
Nominal discharge surge current (8/20)	20 kiloampere
Max. discharge surge current (8/20)	40 kiloampere
Max. continuous voltage AC	385 Volt
Voltage protection level	2 Kilovolt
Max. overcurrent protection device, parallel connection (fuse)	125 Ampere
Short-circuit breaking capacity ( $I_{scbr}$ )	6 kiloampere
Integrated short-circuit protection	No
Integrated backup fuse	No
Leakage-current free	Yes
Mounting method	DIN rail (top hat rail) 35 mm
Construction size	1.5 modular units
Max. conductor cross section solid (solid, stranded)	35 Square millimetre

Max. conductor cross section flexible (fine-strand)	25 Square millimetre
With remote signalling contact	Yes
Signalling at the device	Optical
Category type 2	Yes
Degree of protection (IP)	IP20