

# FE T1+T2 275 TNS 12,5 FM



- Type 1+2
- Power supply system: TNS 4+0 configuration
- $I_{imp} / \text{Pole} = 12.5 \text{ kA}$
- No follow current
- Horizontal pitch: 4 Div.
- With remote signalling contact
- Modular design
- Mounting on 35 mm DIN rail

## Technical Specifications

Nominal voltage	$U_N$
Maximum operating voltage	$U_C$
Lightning impulse current (10/350 $\mu\text{s}$ )	$I_{imp}$
Total discharge current (10/350 $\mu\text{s}$ )	$I_{total}$
Nominal discharge current (8/20 $\mu\text{s}$ )	$I_n$
Maximum discharge current (8/20 $\mu\text{s}$ )	$I_{max}$
Voltage protection level	$U_p$
Short-circuit current rating	$I_{SCCR}$
Maximum overcurrent protection	160 A gG
TOV behavior	$U_T$
Response time	$t_A$
Cross-section of connected conductors rigid	1 mm <sup>2</sup> ... 35 mm <sup>2</sup>
Cross-section of connected conductors flexible	1 mm <sup>2</sup> ... 25 mm <sup>2</sup>
Fault indication	yes
Remote signalling contact	potential free changeover contact
Remote contacts ratings	250 V/0.5 AAC; 250 V/0.1 A DC
Remote contacts cross-section	1.5 mm <sup>2</sup>
Degree of protection	IP 20
Operating temperature	-40 °C ... +80 °C
Permissible relative humidity	5% ... 95% RH
Mounting on	35 mm DIN rail
According to standard	EN 61643-11:2012 / IEC 61643-11:2011 / T1, T2

## FE T1+T2 275 TNS 12,5 FM

230 V AC / 400 V AC
275 V AC
12.5 kA
50 kA
30 kA
60 kA
< 1.5 kV
50 kA
160 A gG
335 V (5 s / withstand mode)
25 ns
1 mm <sup>2</sup> ... 35 mm <sup>2</sup>
1 mm <sup>2</sup> ... 25 mm <sup>2</sup>
yes
potential free changeover contact
250 V/0.5 AAC; 250 V/0.1 A DC
1.5 mm <sup>2</sup>
IP 20
-40 °C ... +80 °C
5% ... 95%
35 mm DIN rail
EN 61643-11:2012 / IEC 61643-11:2011 / T1, T2

## Order Information

Order number	565 821
Gross weight / net weight	612 g / 568 g
Package dimensions L x W x H	124 x 80 x 80 mm
Customs tariff number	85363090

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612 g / 568 g
124 x 80 x 80 mm
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