

FE T3 275 MH TT 2P FM



- Type 3
- Power supply system: TT 1+1 configuration / TN 2+0 configuration
- I_n L-N / N-PE = 5 kA / 10 kA
- Horizontal pitch: 2 Div.
- With remote signalling contact
- Modular design
- Mounting on 35 mm DIN rail

Technical Specifications

Nominal voltage	U_N
Maximum operating voltage L-N / N-PE	U_C
Nominal discharge current (8/20 μ s) L-N / N-PE	I_n
Test voltage L-N / N-PE	U_{OC}
Voltage protection level L-N / N-PE	U_p
Follow current extinguishing capability N-PE	I_f
Short-circuit current rating	I_{SCCR}
Maximum overcurrent protection	63 A gG or C 63 A
TOV behavior L-N	U_T
TOV behavior L-N	U_T
TOV behavior N-PE	U_T
Response time L-N / N-PE	t_A
Cross-section of connected conductors rigid	1 mm ² ... 35 mm ²
Cross-section of connected conductors flexible	1 mm ² ... 25 mm ²
Fault indication L-N	yes
Remote signalling contact	potential free changeover contact
Remote contacts ratings	250 V/0.5 A AC; 250 V/0.1 A DC
Remote contacts cross-section	1.5 mm ²
Degree of protection	IP 20
Operating temperature	-40 °C ... +80 °C
Permissible relative humidity	5% ... 95%
Mounting on	35 mm DIN rail
According to standard	EN 61643-11:2012 / IEC 61643-11:2011 / T3

Order Information

Order number	305 231
Gross weight / net weight	250 g / 220 g
Package dimensions L x W x H	122 x 82 x 41 mm
Customs tariff number	85363030

FE T3 275 MH TT 2P FM

230 V AC / 400 V AC
275 V AC / 255 V AC
5 kA / 10 kA
10 kV / 20 kV
< 1 kV / < 1.5 kV
100 A
25 kA
63 A gG or C 63 A
335 V (5 s / withstand mode)
440 V (120 min / safe failure mode)
1200 V (200 ms / safe failure mode)
25 ns / 100 ns
1 mm ² ... 35 mm ²
1 mm ² ... 25 mm ²
yes
potential free changeover contact
250 V/0.5 A AC; 250 V/0.1 A DC
1.5 mm ²
IP 20
-40 °C ... +80 °C
5% ... 95%
35 mm DIN rail
EN 61643-11:2012 / IEC 61643-11:2011 / T3

