

ETM7 Plug in type Miniature Circuit Breaker

ET M7-H 1P C16

① ② ③ ④ ⑤

- ① Company code
- ② MCB Series No.
- ③ Breaking capacity code
- ④ No. of Poles
- ⑤ Spec(Curve C 16A)



Technical data

| | | | |
|----------------------------|------------|--|----------------------------|
| Certificate | | | KEMA CE |
| Standards | | | IEC/EN60898-1 |
| Number of poles | P | | 1, 2, 3 |
| Rated current | A | | 6-63A |
| Rated voltage | V AC | | 240/415 |
| Rated breaking capacity | KA | | 3,6,10KA@415V |
| Characteristic | | | B,C,D |
| Electrical/Mechanical life | Operations | | >4000/10000 |
| Terminal capacity | mm | | 25 |
| Terminal protection | | | Finger and Hand touch safe |
| Energy limiting class | | | 3 |
| Calibration temp | °C | | 30/50 |
| Installation | | | Plug-in type |

| Test | Type | Test current | Initial state | Time limit for tripping or not tripping | Expected result | Test environment temperature | Remarks |
|------|---------|---------------------|---------------------------|---|-----------------|------------------------------|---|
| a | B, C, D | 1.13 I _n | Cold state | t ≤ 1h | Not tripping | 30-35°C or 50°C | The current is rising within 5s |
| b | B, C, D | 1.45 I _n | Right after test number 1 | t < 1h | Tripping | | |
| c | B, C, D | 2.55 I _n | Cold state | 1s < t < 60s (I _n ≤ 32A) 1s < t < 120s (I _n > 32A) | Tripping | | |
| | B | 3I _n | | | | | |
| | C | 5I _n | Cold state | t ≤ 0.1s | Not tripping | | |
| | D | 10I _n | | | | | |
| e | B | 5I _n | | | | | The power supply is turned on by closing the auxiliary switch |
| | C | 10I _n | Cold state | t < 0.1s | Tripping | | |
| | D | | | | | | |

Note: The terminology "Cold state" means that the test is performed at the base calibration temperature with no load prior to the test.

