



MM503N



**Motor protection circuit breaker 3P 0.25-0.4A ; 0.06/0.09 kW at 230/415V**

**Technical characteristics**

**Architecture**

|                 |     |
|-----------------|-----|
| Number of poles | 3 P |
| Type of pole    | 3 P |

**Main electrical features**

|                                 |          |
|---------------------------------|----------|
| Rated operational voltage $U_e$ | 690 V    |
| Frequency                       | 50/60 Hz |
| Type of supply voltage          | AC       |

**Voltage**

|                                 |        |
|---------------------------------|--------|
| Rated insulation voltage        | 690 V  |
| Rated impulse withstand voltage | 6000 V |

**Electric current**

|  |        |
|--|--------|
| Rated service breaking capacity $I_{cs}$ under 400V AC according IEC 60947-2 | 150 kA |
|--|--------|

**Power**

|                              |        |
|------------------------------|--------|
| Total power loss under $I_N$ | 5.22 W |
|------------------------------|--------|

**Endurance**

|  |        |
|--|--------|
| Electric endurance in number of cycles | 50000  |
| Number of mechanical operations        | 100000 |

**Installation, mounting**

|                   |       |
|-------------------|-------|
| Tightening torque | 1,7Nm |
|-------------------|-------|

**Connection**

|                    |            |
|--------------------|------------|
| Type of connection | with screw |
|--------------------|------------|

**Equipment**

|                     |     |
|---------------------|-----|
| Can be accessorized | Yes |
|---------------------|-----|

**Standards**

|                         |                              |
|-------------------------|------------------------------|
| Standard text           | IEC 60947-4-1 ; EN 60947-4-1 |
| European directive RoHS | voluntary compliance         |

**Use conditions**

|                       |             |
|-----------------------|-------------|
| Operating temperature | -25...55 °C |
|-----------------------|-------------|