



### Main

|                                       |   |
|---------------------------------------|---|
| Range                                 | Compact   |
| Range of product                      | NG160   |
| Product name                          | NG160   |
| Product or component type             | Circuit breaker   |
| Device short name                     | NG160E  |
| Circuit breaker name                  | NG160E  |
| Device application                    | Distribution  |
| Poles description                     | 3P  |
| Protected poles description           | 3t  |
| Network type                          | AC  |
| Network frequency                     | 50/60 Hz  |
| [In] rated current                    | 40 A ( 40 °C )  |
| Breaking capacity code                | E   |
| Breaking capacity                     | 10 kA Icu conforming to IEC 60947-2 at 440 V AC 50/60 Hz<br>16 kA Icu conforming to IEC 60947-2 at 380...415 V AC 50/60 Hz<br>25 kA Icu conforming to IEC 60947-2 at 220...240 V AC 50/60 Hz<br>8 kA Icu conforming to IEC 60947-2 at 500 V AC 50/60 Hz |
| [Ics] rated service breaking capacity | Ics 6 kA 500 V AC 50/60 Hz<br>Ics 7.5 kA 440 V AC 50/60 Hz<br>Ics 12 kA 380/415 V AC 50/60 Hz<br>Ics 18.75 kA 220/240 V AC 50/60 Hz   |
| Suitability for isolation             | Yes   |
| Trip unit name                        | TM-D  |
| Trip unit technology                  | Thermal-magnetic  |
| Trip unit rating                      | 40 A  |
| Protection type                       | Overload protection (thermal)<br>Short-circuit protection (magnetic)  |

### Complementary

|                   |                            |
|-------------------|----------------------------|
| Control type      | Toggle                     |
| Mounting mode     | Clipped                    |
| Mounting support  | 35 mm symmetrical DIN rail |
| Upside connection | Front                      |

|                                      |                       |
|--------------------------------------|-----------------------|
| Downside connection                  | Front                 |
| Connections - terminals              | Tunnel type terminals |
| Mechanical durability                | 10000 cycles          |
| Electrical durability                | 5000 cycles 440 V     |
| Local signalling                     | ON/OFF indication     |
| Magnetic tripping current            | 600 A                 |
| Long time pick-up adjustment type Ir | Fixed                 |
| Earth-leakage protection             | Separate block        |
| Height                               | 120 mm                |
| Width                                | 90 mm                 |
| Depth                                | 82.5 mm               |
| Product compatibility                | Single terminal       |
| Compatibility code                   | NG160                 |

## Environment

|           |             |
|-----------|-------------|
| Standards | IEC 60947-3 |
|-----------|-------------|

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|