



MDN210P

### MCB 2P 6kA D-10A 2M

#### Technical Features

##### Electric current

|                       |         |
|-----------------------|---------|
| Rated current         | 10 A    |
| Rated current -15°C   | 12.39 A |
| Rated current -10°C   | 12.15 A |
| Rated current -5°C    | 11.90 A |
| Rated current at 0°C  | 11.65 A |
| Rated current 5°C     | 11.39 A |
| Rated current 10°C    | 11.13 A |
| Rated current 15°C    | 10.86 A |
| Rated current at 20°C | 10.58 A |
| Rated current 25°C    | 10.29 A |
| Rated current 30°C    | 10 A    |
| Rated current 35°C    | 9.70 A  |
| Rated current at 40°C | 9.39 A  |
| Rated current at 45°C | 9.06 A  |
| Rated current at 50°C | 8.73 A  |
| Rated current 55°C    | 8.38 A  |
| Rated current 60°C    | 8.02 A  |
| Rated current 65°C    | 7.64 A  |
| Rated current 70°C    | 7.24 A  |

##### Architecture

|              |    |
|--------------|----|
| Type of pole | 2P |
| Curve        | D  |

##### Capacity

|                   |   |
|-------------------|---|
| Number of modules | 2 |
|-------------------|---|

##### Main electrical attributes

|                                                                                   |      |
|-----------------------------------------------------------------------------------|------|
| Rated short-circuit breaking capacity I <sub>cn</sub> AC according to IEC 60898-1 | 6 kA |
|-----------------------------------------------------------------------------------|------|

##### Voltage

|                                                  |             |
|--------------------------------------------------|-------------|
| Rated operational voltage U <sub>e</sub>         | 415 - 415 V |
| Type voltage supply                              | AC          |
| Rated insulation voltage U <sub>i</sub>          | 500 V       |
| Rated impulse withstand voltage U <sub>imp</sub> | 6000 V      |

##### Installation, mounting

|                                               |                |
|-----------------------------------------------|----------------|
| Nominal tightening torque                     | 2.80 - 2.80 Nm |
| Type of bottom connection for modular devices | biconnect      |
| Type of top connection for modular devices    | Screw terminal |
| 360° mounting position possible               | Yes            |

##### Safety

|                               |       |
|-------------------------------|-------|
| Ingress Protection (IP) class | IP20  |
| Grid distance                 | 60 mm |

##### Use conditions

|                                                          |   |
|----------------------------------------------------------|---|
| Degree of pollution according to IEC 60664 / IEC 60947-2 | 2 |
|----------------------------------------------------------|---|

##### Connectivity

|                                               |                  |
|-----------------------------------------------|------------------|
| Type of connection                            | Screw terminal   |
| Top connection alignment for modular devices  | Aligned terminal |
| Down connection alignment for modular devices | Aligned terminal |

##### Dimensions

|        |          |
|--------|----------|
| Height | 84.60 mm |
| Width  | 35 mm    |
| Depth  | 70 mm    |