



|                                           |                                  |
|-------------------------------------------|----------------------------------|
| Description                               | RCCB WITH OVERCURRENT PROTECTION |
| Code                                      | MDC 100                          |
| No. of poles                              | 3P                               |
| No. modules                               | 3                                |
| Rated current                             | 10 A                             |
| Rated residual operating current          | 30 mA                            |
| Type                                      | A                                |
| Curve                                     | C                                |
| Rated voltage (IEC/EN 61009-1, 61009-2-1) | 230/240 V                        |
| Energy limiting class                     | 3                                |

|                                             |                                   |                                             |                                          |
|---------------------------------------------|-----------------------------------|---------------------------------------------|------------------------------------------|
| Standard                                    | IEC/EN 61009-1, IEC/EN 61009-2-1  | Rated frequency (Hz)                        | 50/60 Hz                                 |
| Breaking capacity IEC/EN 61009-1 230V (Icn) | 10000 A                           | Breaking capacity IEC/EN 61009-1 400V (Icn) | 10000 A                                  |
| Breaking capacity IEC/EN 61009-1 (Ics)      | 0.75 x Icn                        | Breaking capacity IEC/EN 60947-2 230V (Icu) | 15 kA                                    |
| Breaking capacity IEC/EN 60947-2 (Ics)      | 50% Icu                           | Insulation voltage (Ui)                     | 500 V                                    |
| Level of immunity (8/20 μs)                 | 250 A                             | Rated impulse withstand voltage (Uimp)      | 4 kV                                     |
| Overvoltage category                        | III                               | Electrical endurance                        | 10.000                                   |
| Mechanical endurance                        | 20.000                            | Section rigid cable                         | <=1x35 - <=2x16 - <=1x16+2x10 mm²        |
| Section flexible cable                      | <=1x35 - <=2x16 - <=1x16+2x10 mm² | Double connection                           | YES (only down stream)                   |
| Rated tightening torque                     | 2 Nm                              | Operating temperature                       | -25 +60° C (derating of In with T>30° C) |
| Stocking temperature                        | -40°C ÷ +70°C                     | Auxiliaries compatibility                   | Yes                                      |
| Assembly position                           | Any                               |                                             |                                          |

### DIMENSIONAL



### WIRING DIAGRAM



### STANDARDS/APPROVALS

