

# Product datasheet

## Specifications

### Residual Current Circuit Breaker

#### MR100E 3PN 100A 30mA

MR100EG43PN100



|                                                     |                                   |
|-----------------------------------------------------|-----------------------------------|
| Standard                                            | IEC/EN 61008-1                    |
| Model                                               | MR100EG4                          |
| Rated current, $I_n$                                | 100A                              |
| Rated Residual Operating Current ( $I_{\Delta c}$ ) | 30 mA                             |
| Detactuin of Wave Form                              | AC type                           |
| Trip Time at $I_{\Delta c}$                         | $\leq 100$ ms                     |
| Number of poles                                     | 3PN                               |
| Rated frequency                                     | 50/60Hz                           |
| Rated Operational Voltage, $U_e$                    | 240/415V                          |
| Rated Insulation Voltage, $U_i$                     | 500V                              |
| Impulse Withstand Voltage, $U_{imp}$                | 4kV                               |
| Breaking capacity                                   | 6kA ( $I_{nc}$ )                  |
| Terminal Capacity (max)                             | 35 mm <sup>2</sup>                |
| Protection Class                                    | IP20                              |
| Positive Contact Indication                         | Red-ON, Green-OFF                 |
| Mounting                                            | Clip on DIN Rail (35 mm x 7.5 mm) |
| Installation Position                               | Vertical / Horizontal             |
| Mechanical Endurance                                | 10000 times                       |
| Electrical Endurance                                | 20000 times                       |
| Net Weight                                          | 0.330kg                           |
| Dimensions (H x D x W)                              | 84.5 x 74.5 x 71 mm               |

