

# Product datasheet

## Specifications

### Air Circuit Breakers

#### MA3-08B 3P 800A 3H 80kA Draw-out type

MA3-08B33HDDH

|                                                                         |                             |             |
|-------------------------------------------------------------------------|-----------------------------|-------------|
| Standard                                                                | IEC/EN 60947-2              |             |
| Model                                                                   | MA3-08B                     |             |
| Rated current at 40°C, I <sub>n</sub>                                   | 800A                        |             |
| Setting current (A) Control trip relay ( ... × I <sub>n</sub> max)      | 0.4 ~ 1.0                   |             |
| Number of poles                                                         | 3                           |             |
| Rated frequency                                                         | 50/60Hz                     |             |
| Rated Operational Voltage, U <sub>e</sub>                               | AC 415V/690V                |             |
| Rated Insulation Voltage, U <sub>i</sub>                                | 1000V                       |             |
| Impulse Withstand Voltage, U <sub>imp</sub>                             | 12kV                        |             |
| Intelligent trip unit type                                              | 3H                          |             |
| Breaking capacity level                                                 | D / E                       |             |
| Ultimate breaking capacity                                              | 400/415V                    | 80 / 65     |
| I <sub>cu</sub> (kA rms) IEC/EN 60947-2                                 | 660/690V                    | 65 / 65     |
| Rated service breaking capacity                                         | 400/415V                    | 65 / 65     |
| I <sub>cs</sub> (kA rms) IEC/EN 60947-2                                 | 660/690V                    | 65 / 65     |
| Rated short-time withstand current I <sub>cw</sub> (kA rms (1s – 415V)) | 65                          |             |
| Operating time (ms)                                                     | Maximum total breaking time | ≤35         |
|                                                                         | Maximum closing time        | ≤75         |
| Mechanical life                                                         | Maintenance free            | 15000 times |
|                                                                         | Maintenance required        | 30000 times |
| Electrical life                                                         | 8000 times                  |             |
| Terminal connection Horizontal / Vertical / Mixed                       | ● / ○ / ●                   |             |
| Weight                                                                  | 79kg                        |             |
| Dimension (W x D x H)                                                   | 375x419x432mm               |             |

