



Description Interruttore automatico scatolato

Code MSXE 160

No. of poles 4P

Rated current 40 A

Release Electronic

#### ELECTRICAL CHARACTERISTICS

| Standard                                          | IEC/EN 60947-2                               | Execution                           | Fixed - Plug-in |
|---------------------------------------------------|----------------------------------------------|-------------------------------------|-----------------|
| Use category                                      | A                                            | DIN rail mounting                   | No              |
| Rated frequency (Hz)                              | 50 / 60                                      | Can be equipped with motor operator | Si              |
| Rated operating voltage (Ue)                      | 690 Vac                                      | Compatible interlock                | Lever – Cable   |
| Rated impulse withstand voltage (Uimp)            | 8 kV                                         | Terminals supplied                  | Front FC        |
| Overvoltage category                              | IV                                           | Assembly position                   | Any             |
| Insulation voltage (Ui)                           | 800 V                                        | Upline/downline power supply        | Si              |
| Thermal regulation                                | 0,4 - 0,5 - 0,63 - 0,8 - 0,9 - 0,95 - 1 x In | Electrical life (415Vac)            | 10.000 cycles   |
| Magnetic regulation                               | Electronic LSI                               | Mechanical life                     | 30.000 cycles   |
| Neutral protection                                | 100% x Ir                                    | Operating temperature               | -5°C +65°C      |
| Total power loss                                  | 2.24 W                                       | Stocking temperature                | -20° +65°       |
| Rated short-circuit current making capacity (Icm) | -                                            | Weight (kg)                         | 3.1             |
| Rated short-time withstand current for 0,3s (Icw) | -                                            | Width                               | 140 mm          |
| I <sub>dn</sub> regulation                        | -                                            | Height                              | 165 mm          |
| DT regulation                                     | -                                            | Depth                               | 103 mm          |

#### SERVICE BREAKING CAPACITY (ICU)

| 220/240Vac | 65 kA  | 220/240Vac | 65 kA  |
|------------|--------|------------|--------|
| 400/415Vac | 36 kA  | 400/415Vac | 36 kA  |
| 440Vac     | 25 kA  | 440Vac     | 25 kA  |
| 525Vac     | 25 kA  | 525Vac     | 25 kA  |
| 690Vac     | 7,5 kA | 690Vac     | 7,5 kA |
| 250Vdc     | -      | 250Vdc     | -      |

#### RATED BREAKING CAPACITIY (ICS)

### DIMENSIONAL





Product Data Sheet

**GWD9322**

MSX

STANDARDS/APPROVALS

