



Description Interruttore automatico scatolato  
 Code MSXE 630  
 No. of poles 4P  
 Rated current 630 A  
 Release Electronic

#### ELECTRICAL CHARACTERISTICS

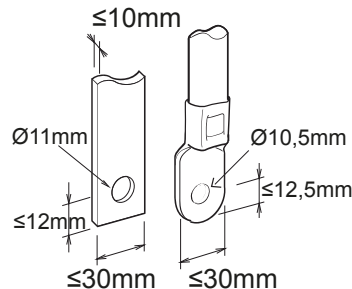
|   |   |                                     |                 |
|---|---|-------------------------------------|-----------------|
| Standard  | IEC/EN 60947-2                                      | Execution                           | Fixed - Plug-in |
| Use category                                      | A   | DIN rail mounting                   | No              |
| Rated frequency (Hz)                              | 50 / 60   | Can be equipped with motor operator | Yes             |
| Rated operating voltage (Ue)                      | 690 Vac   | Compatible interlock                | Lever – Cable   |
| Rated impulse withstand voltage (Uimp)            | 8 kV  | Terminals supplied                  | Front FC        |
| Overtoltage category                              | IV  | Assembly position                   | Any             |
| Insulation voltage (Ui)                           | 800 V   | Upline/downline power supply        | Yes             |
| Thermal regulation                                | 0,4 - 0,5 - 0,63 - 0,8 - 0,85 - 0,9 - 0,95 - 1 x In | Electrical life (415Vac)            | 4.500 cycles    |
| Magnetic regulation                               | Electronic LSI                                      | Mechanical life                     | 15.000 cycles   |
| Neutral protection                                | 50% - 100% x Ir                                     | Operating temperature               | -5°C +65°C      |
| Total power loss                                  | 158.76 W  | Stocking temperature                | -20° +65°       |
| Rated short-circuit current making capacity (Icm) | -   | Weight (kg)                         | 6.5             |
| Rated short-time withstand current for 0,3s (Icw) | -   | Width                               | 185 mm          |
| I <sub>dn</sub> regulation                        | -   | Height                              | 260 mm          |
| DT regulation                                     | -   | Depth                               | 103 mm          |

#### SERVICE BREAKING CAPACITY (ICU)

|            |        |            |       |
|------------|--------|------------|-------|
| 220/240Vac | 100 kA | 220/240Vac | 85 kA |
| 400/415Vac | 70 kA  | 400/415Vac | 50 kA |
| 440Vac     | 65 kA  | 440Vac     | 50 kA |
| 525Vac     | 30 kA  | 525Vac     | 30 kA |
| 690Vac     | 20 kA  | 690Vac     | 15 kA |
| 250Vdc     | -      | 250Vdc     | -     |

#### RATED BREAKING CAPACITY (ICS)

### DIMENSIONAL





Product Data Sheet

GWD9537

MSX

STANDARDS/APPROVALS

