



Description Interruttore automatico scatolato  
 Code MSX 250c  
 No. of poles 3P+N  
 Rated current 160 A  
 Release Elettromeccanico

#### ELECTRICAL CHARACTERISTICS

|   |                      |
|---|----------------------|
| Standard  | IEC/EN 60947-2       |
| Use category                                      | A                    |
| Rated frequency (Hz)                              | 50 / 60              |
| Rated operating voltage (Ue)                      | 525 Vac - 250 Vdc    |
| Rated impulse withstand voltage (Uimp)            | 8 kV                 |
| Overvoltage category                              | IV                   |
| Insulation voltage (Ui)                           | 800 V                |
| Thermal regulation                                | 0,63 - 0,8 - 1 x In  |
| Magnetic regulation                               | 6 - 8 - 10 - 13 x In |
| Neutral protection                                | Non protetto         |
| Total power loss                                  | 49.17 W              |
| Rated short-circuit current making capacity (Icm) | -                    |
| Rated short-time withstand current for 0,3s (Icw) | -                    |
| I <sub>dn</sub> regulation                        | -                    |
| DT regulation                                     | -                    |

#### SERVICE BREAKING CAPACITY (ICU)

|            |        |
|------------|--------|
| 220/240Vac | 35 kA  |
| 400/415Vac | 25 kA  |
| 440Vac     | 15 kA  |
| 525Vac     | 7,5 kA |
| 690Vac     | -      |
| 250Vdc     | 15 kA  |

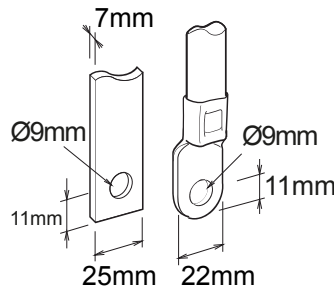
#### MECHANICAL CHARACTERISTICS

|                                   |                        |
|-----------------------------------|------------------------|
| Execution                         | Fixed                  |
| DIN rail mounting                 | Si, tramite accessorio |
| Accessoriabile con comando motore | Si                     |
| Compatible interlock              | Lever - Cable          |
| Terminals supplied                | Front FC               |
| Assembly position                 | Any                    |
| Upline/downline power supply      | Si                     |
| Electrical life (415Vac)          | 6.000 cycles           |
| Mechanical life                   | 18.000 cycles          |
| Operating temperature             | -5°C +65°C             |
| Stocking temperature              | -20° +65°              |
| Weight (kg)                       | 1.9                    |
| Width                             | 140 mm                 |
| Height                            | 165 mm                 |
| Depth                             | 68 mm                  |

#### RATED BREAKING CAPACITY (ICS)

|            |        |            |       |
|------------|--------|------------|-------|
| 220/240Vac | 35 kA  | 220/240Vac | 27 kA |
| 400/415Vac | 25 kA  | 400/415Vac | 19 kA |
| 440Vac     | 15 kA  | 440Vac     | 12 kA |
| 525Vac     | 7,5 kA | 525Vac     | 6 kA  |
| 690Vac     | -      | 690Vac     | -     |
| 250Vdc     | 15 kA  | 250Vdc     | 12 kA |

### DIMENSIONAL





Product Data Sheet

GWD9117

MSX Range

STANDARDS/APPROVALS

