



Description Interruttore automatico scatolato

Code MSXD 125

No. of poles 3P+N

Rated current 50 A

Release Electromechanic

#### ELECTRICAL CHARACTERISTICS

|                                                   |                                  |                                     |                            |
|---------------------------------------------------|----------------------------------|-------------------------------------|----------------------------|
| Standard                                          | IEC/EN 60947-2                   | Execution                           | Fixed                      |
| Use category                                      | A                                | DIN rail mounting                   | Yes, by means of accessory |
| Rated frequency (Hz)                              | 50 / 60                          | Can be equipped with motor operator | Si                         |
| Rated operating voltage (Ue)                      | 525 Vac                          | Compatible interlock                | -                          |
| Rated impulse withstand voltage (Uimp)            | 8 kV                             | Terminals supplied                  | Front FC                   |
| Overvoltage category                              | IV                               | Assembly position                   | Any                        |
| Insulation voltage (Ui)                           | 525 V                            | Upline/downline power supply        | Si                         |
| Thermal regulation                                | 0,63 - 0,8 - 1 x In              | Electrical life (415Vac)            | 30.000 cycles              |
| Magnetic regulation                               | Fixed - 500 A                    | Mechanical life                     | 30.000 cycles              |
| Neutral protection                                | Not protected                    | Operating temperature               | -5°C +65°C                 |
| Total power loss                                  | 19.92 W                          | Stocking temperature                | -20° +65°                  |
| Rated short-circuit current making capacity (Icm) | -                                | Weight (kg)                         | 1.4                        |
| Rated short-time withstand current for 0,3s (Icw) | -                                | Width                               | 120 mm                     |
| I <sub>dn</sub> regulation                        | 0,03 - 0,1 - 0,3 - 0,5 - 1 - 3 A | Height                              | 155 mm                     |
| DT regulation                                     | 0 - 60 - 200 - 400 - 700 ms      | Depth                               | 68 mm                      |

#### SERVICE BREAKING CAPACITY (ICU)

|            |       |            |            |
|------------|-------|------------|------------|
| 220/240Vac | 50 kA | 220/240Vac | 50 kA      |
| 400/415Vac | 36 kA | 400/415Vac | 36 / 30 kA |
| 440Vac     | 25 kA | 440Vac     | 25 kA      |
| 525Vac     | 22 kA | 525Vac     | 22 kA      |
| 690Vac     | -     | 690Vac     | -          |
| 250Vdc     | -     | 250Vdc     | -          |

#### MECHANICAL CHARACTERISTICS

### DIMENSIONAL





Product Data Sheet

**GWD9573**

MSX

STANDARDS/APPROVALS

