**Ref: IA1C610**

# Serie Circuit breakers: protection system

## Protection System

Automatic switch 1P 6AC 10KA 230/400V 50/60HZ compatible with accessories



## Features

| | |
|---|---|
| **Application:** | Industrial |
| **Product Type:** | Sistema de protección magnetotérmica |
| **Poles:** | 1P |
| **Curve:** | C |
| **Rated Current - In(A):** | 6 |
| **Rated short-circuit breaking capacity (Icn):** | 10 |
| **Piece dimensions - HxWxD (mm):** | 87 x 18 x 78 |

## Electrical specifications

| | |
|---|---|
| **Rated frequency (Hz):** | 50/60 |
| **Rated operating voltage - Ue (V):** | 230 |
| **Rated Insulation Voltage - Ui (V):** | 500 |
| **Maximum Working Voltage - Umax (V):** | 240/440 |
| **Dielectric Test Voltage (kV):** | 2 |
| **Mechanical Durability (Cycles):** | 10000 |
| **Electrical Durability (Cycles):** | 6000 |

## Connection and installations

| | |
|---|---|
| **Ambient temperature (with daily average ≤ 35 ºC) (ºC):** | -5 / +40 |
| **Reference temperature for thermal element adjustment (ºC):** | 30 |
| **Storage temperature (ºC):** | -25 / +70 |
| **Degree of protection of connection terminal:** | IP40 |
| **Cable (mm²):** | 25 |

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| | |
|---|---|
| **Fixing method:** | DIN rail |
| **Pollution degree:** | 2 |
| **Tightening torque (Nm):** | 3 |
| **Connection:** | Top and bottom |

## Additional features

| | |
|---|---|
| **Degree of protection of enclosure:** | IP20 |
| **Selective protection:** | No |
| **Switch-off delay:** | No |
| **With locking device:** | No |
| **Additional Equipment:** | No |
| **Explosion-proof:** | No |
| **Suitable for outdoor installation:** | No |

## Materials

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|---|---|
| **Halogen-free materials:** | No |

## Certificates and regulations

| | |
|---|---|
| **Standards:** | EN 60898-1 |

## Packaging

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|---|---|
| **Individual Packaging Type:** | Uncaged |
| **UoM Packaging - Individual:** | Unit |
| **Minimum Selling Quantity:** | 1 |
| **Individual packaging dimensions - HxWxD (m):** | 0.087 x 0.018 x 0.078 |
| **Net weight per unit (kg):** | 0.108 |
| **Gross weight per unit (kg):** | 0.119 |

## Codes

| | |
|---|---|
| **GTIN-13 code:** | 8431044378664 |
| **Tariff code:** | 8536201090 |
| **ETIM code 9.0:** | EC000042 |