



BTC280E

Earth leakage add-on-block 2P 125A Adjustable type AC

Technical characteristics

Architecture

| | |
|------------------|---------------|
| Neutral position | Left or right |
| Number of poles | 2 P |

Main electrical features

| | |
|------------------------------|-------|
| Rated operational voltage Ue | 240 V |
| Frequency | 50 Hz |

Voltage

| | |
|---------------------------------|--------|
| Rated insulation voltage | 500 V |
| Rated impulse withstand voltage | 6000 V |

Electric current

| | |
|----------------------------------|-----------------------|
| Rated residual operating current | 300 mA / 500 mA / 1 A |
|----------------------------------|-----------------------|

Electric current / temperature

| | |
|---------------------|-------|
| Rating current 30°C | 125 A |
|---------------------|-------|

Dimensions

| | |
|-----------------------------|--------|
| Depth of installed product | 69 mm |
| Height of installed product | 103 mm |
| Width of installed product | 160 mm |

Power

| | |
|---------------------------|-------|
| Total power loss under IN | 7.5 W |
|---------------------------|-------|

Endurance

| | |
|--|------|
| Electric endurance in number of cycles | 1000 |
| Number of mechanical operations | 7000 |

Installation, mounting

| | |
|-------------------|-------|
| Tightening torque | 3,5Nm |
|-------------------|-------|

Connection

| | |
|---|-------------------------|
| Connection cross-sect. flexible conductor | 10 - 50 mm ² |
| Connection cross-sect. rigid cable | 10 / 70 mm ² |

Standards

| | |
|-------------------------|--------------------------|
| Standard text | IEC 61009-1 ; EN 61009-1 |
| European directive WEEE | concerned |

Safety

| | |
|-----------------------|------|
| Protection index IP | IP20 |
| Residual current type | AC |