



BD441

Earth leakage add-on block 4P 40A 30mA AC Class

Technical properties

Architecture

| | |
|------------------|------|
| Neutral position | left |
| Number of poles | 4 P |

Configuration

| | |
|-------------------|---|
| Number of modules | 3 |
|-------------------|---|

Main electrical features

| | |
|------------------------------|-------------|
| Rated operational voltage Ue | 230 / 400 V |
| Frequency | 50 Hz |

Voltage

| | |
|---------------------------------|--------|
| Rated insulation voltage | 500 V |
| Rated impulse withstand voltage | 4000 V |

Electric current

| | |
|----------------------------------|-------|
| Rated residual operating current | 30 mA |
| Rated current | 40 A |

Electric current / temperature

| | |
|---------------------|------|
| Rating current 40°C | 40 A |
|---------------------|------|

Dimensions

| | |
|-----------------------------|--------|
| Depth of installed product | 9.2 cm |
| Height of installed product | 7 cm |
| Width of installed product | 3.5 cm |

Frequency

| | |
|-----------|-------|
| Frequency | 50 Hz |
|-----------|-------|

Power

| | |
|---------------------------|--------|
| Total power loss under IN | 35.5 W |
| Power loss per pole at In | 10.7 W |

Tripping

| | |
|-------------------------------------|----|
| Protected against nuisance tripping | No |
| Short-time delayed tripping | No |

Endurance

| | |
|--|------|
| Electric endurance in number of cycles | 2000 |
| Number of mechanical operations | 1000 |

Installation, mounting

| | |
|--|---------|
| Tightening torque | 2,8Nm |
| Type of top rail clip for modular devices | Plastic |
| Type of bottom rail clip for modular devices | NA |
| Top removability for modular devices | Yes |
| Bottom removability for modular devices | No |

Connection

| | |
|---|-------------------|
| Connection cross-sect. flexible conductor | 16mm ² |
| Connection cross-sect. rigid cable | 25mm ² |

Settings

| | |
|--------------------------------|-----|
| Rated fault current adjustable | No |
| Delay adjustable | No |
| Time delay of residual current | 0 s |

Standards

| | |
|-------------------------|-----------|
| European directive WEEE | concerned |
|-------------------------|-----------|

Safety

| | |
|-----------------------|------|
| Protection index IP | IP20 |
| Residual current type | AC |
| REACH conform | No |
| RoHS conform | Yes |
| Halogen free | No |

Use conditions

| | |
|-------------------------|-------------|
| Operating temperature | -5...40 °C |
| Altitude | 2000 m |
| Air humidity protection | Execution I |