



BDH863

**Earth leakage add-on-block with double output 4P 63A 30mA A high immunity 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                    | 63 A  |

**Dimensions**

|                             |         |
|-----------------------------|---------|
| Depth of installed product  | 70 mm   |
| Height of installed product | 102 mm  |
| Width of installed product  | 52.5 mm |

**Frequency**

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

**Power**

|                           |     |
|---------------------------|-----|
| Total power loss under IN | 9 W |
|---------------------------|-----|

**Tripping**

|                                     |     |
|-------------------------------------|-----|
| Protected against nuisance tripping | Yes |
| Short-time delayed tripping         | Yes |

**Endurance**

|  |      |
|--|------|
| Electric endurance in number of cycles | 1000 |
| Number of mechanical operations        | 6000 |

**Installation, mounting**

|   |                              |
|---|------------------------------|
| Tightening torque                         | top : 2,5Nm ; bottom : 3,5Nm |
| 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      | Yes |

#### Connection

|   |                   |
|---|-------------------|
| Connection cross-sect. flexible conductor | 16mm <sup>2</sup> |
| Connection cross-sect. rigid cable        | 25mm <sup>2</sup> |

#### Settings

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

#### Standards

|               |                         |
|---------------|-------------------------|
| Standard text | EN 61009-2-1 ; EN 62423 |
|---------------|-------------------------|

#### Safety

|                       |      |
|-----------------------|------|
| Residual current type | A HI |
|-----------------------|------|

#### Use conditions

|  |             |
|--|-------------|
| Operating temperature                                    | -25...40 °C |
| Degree of pollution according to IEC 60664 / IEC 60947-2 | 2           |
| Altitude   | 2000 m      |
| Air humidity protection                                  | Execution I |