



HBB161H

**Electronic earth leakage add-on block 4P 160A I<sub>dn</sub> adjustable, time delay**

**Technical characteristics**

**Architecture**

Neutral position	not applicable
Number of poles	4 P

**Main electrical features**

Rated operational voltage U <sub>e</sub>	220 / 415 V
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**Voltage**

Rated insulation voltage	500 V
Rated impulse withstand voltage	6 kV

**Electric current**

Rated residual operating current	30 mA / 100 mA / 300 mA / 1 A / 3 A / 6 A
Rated current	160 A
Withstand not tripping on 8-20 μs wave	5 kA

**Frequency**

Frequency	50 to 60 Hz
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**Tripping**

Protected against nuisance tripping	Yes
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**Connection**

Connection cross-section at output with screw, for flexible conductor	35 / 150 mm <sup>2</sup>
Connection cross-section at output with screw, for massive conductor	35 / 185 mm <sup>2</sup>
Connection cross-section of input and output with screws, for massive conductors	35 / 185 mm <sup>2</sup>
Connection cross section of access and exit with screws, for flexible conductor	35 / 150 mm <sup>2</sup>

**Settings**

Rated fault current adjustable	Yes
Delay adjustable	Yes
Time delay of residual current	0 / 0.06 / 0.15 / 0.3 / 0.5 / 1 s

**Safety**

Residual current type	A HI
REACH conform	No
RoHS conform	Yes
Halogen free	No

**Use conditions**

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Degree of pollution according to IEC 60664 /  
IEC 60947-2

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Altitude

2000 m