



ADZ316D



### RCBO 3 - 3 x 1P+N 6kA B-16A 30mA A QC/QBB

#### Technical Features

##### Architecture

Type of pole	3x 1P+N
Curve	B

##### Voltage

Rated operational voltage $U_e$	230 - 230 V
Type voltage supply	AC
Rated insulation voltage $U_i$	500 V
Dielectric strength value of power frequency	2 kV
Rated impulse withstand voltage $U_{imp}$	4000 V

##### Frequency

Frequency	50 - 50 Hz
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##### Electric current

Rated current	16 A
Rated service breaking capacity $I_{cs}$ AC according to IEC 60898-1	6 kA
Rated current -25°C	21.10 A
Rated current at -20°C	20.70 A
Rated current -15°C	20.30 A
Rated current -10°C	19.90 A
Rated current -5°C	19.40 A
Rated current at 0°C	19 A
Rated current 5°C	18.50 A
Rated current 10°C	18 A
Rated current 15°C	17.50 A
Rated current at 20°C	17 A
Rated current 25°C	16.50 A
Rated current 30°C	16 A
Rated current 35°C	15.70 A
Rated current at 40°C	15.50 A
Rated current at 45°C	15.20 A
Rated current at 50°C	15 A
Rated current 55°C	14.70 A
Rated current 60°C	14.40 A
Rated current 65°C	14.10 A
Rated current 70°C	13.90 A
Rated residual operating current $I_{dn}$	30 mA
Rated short-circuit breaking capacity $I_{cn}$ under 230 V AC according to IEC 60898-1	6 kA

##### Main electrical attributes

Rated short-circuit breaking capacity $I_{cn}$ AC according to IEC 60898-1	6 kA
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##### Installation, mounting

Nominal tightening torque down terminal	2 - 2 Nm
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##### Safety

Residual current type	A
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##### Power

Total power loss under $I_N$	10.90 W
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##### Endurance

Electric endurance in number of cycles	2000
Number of mechanical operations	2000

##### Connection

Cross-section of input with screws, for flexible conductors	1 - 4 mm <sup>2</sup>
Cross-section of input with screws, for massive conductors	1 - 4 mm <sup>2</sup>

# Product Datasheet

## ADZ316D

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### Installation, mounting

Nominal tightening torque	2 - 2 Nm
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### Use conditions

Operating temperature	-25 - 70 °C
Storage/transport temperature	-25 - 80 °C
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Class of energy limitation I <sup>2</sup> t	3

### Capacity

Number of modules	4
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### Dimensions

Height	86 mm
Width	71 mm
Depth	70 mm

### Connectivity

Type of connection	quickconnect
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### Sustainability

RoHS conform	Yes
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