



CDA463U

RCCB 4P 63A 30mA A Class

Technical properties

Architecture

| | |
|--------------|------|
| Type of pole | 3P+N |
|--------------|------|

Electric current

| | |
|--|---------|
| Rated current | 63 A |
| Rated residual operating current I _{dn} | 30 mA |
| Breaking and opening capacity I _{dm} | 1.50 kA |
| Rated conditional short-circuit current I _{nc} according to EN61008-1 | 6 kA |
| Rated current -25°C | 63 A |
| Rated current at -20°C | 63 A |
| Rated current -15°C | 63 A |
| Rated current -10°C | 63 A |
| Rated current -5°C | 63 A |
| Rated current at 0°C | 63 A |
| Rated current 5°C | 63 A |
| Rated current 10°C | 63 A |
| Rated current 15°C | 63 A |
| Rated current at 20°C | 63 A |
| Rated current 25°C | 63 A |
| Rated current 30°C | 63 A |
| Rated current 35°C | 63 A |
| Rated current at 40°C | 63 A |
| Rated current at 45°C | 60 A |
| Rated current at 50°C | 58 A |
| Rated current 55°C | 55 A |
| Rated current 60°C | 51 A |
| Rated current 65°C | 48 A |
| Rated current 70°C | 45 A |

Main electrical attributes

| | |
|---|----------------|
| Nominal tightening torque top terminal | 2.80 - 2.80 Nm |
| Nominal tightening torque down terminal | 2.80 - 2.80 Nm |

Voltage

| | |
|--|-------------|
| Rated operational voltage U _e | 230 - 400 V |
| Type voltage supply | AC |
| Rated insulation voltage U _i | 500 V |
| Rated impulse withstand voltage U _{imp} | 4,000 V |

Max. operating voltage

440 V

Frequency

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

Capacity

| | |
|-------------------|---|
| Number of modules | 4 |
|-------------------|---|

Compatibility

| | |
|-----------------------|-----|
| Suitable for DIN Rail | Yes |
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Safety

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

| | |
|-------------------------------|------|
| Ingress Protection (IP) class | IP20 |
|-------------------------------|------|

Installation, mounting

| | |
|--|----------------|
| Type of top connection for modular devices | Screw terminal |
|--|----------------|

| | |
|---|-----------|
| Type of bottom connection for modular devices | biconnect |
|---|-----------|

| | |
|---------------------------|----------------|
| Nominal tightening torque | 2.80 - 2.80 Nm |
|---------------------------|----------------|

Connection

| | |
|---|------------------------|
| Cross-section of input and output with screws, for massive conductors | 1 - 25 mm ² |
|---|------------------------|

| | |
|--|------------------------|
| Cross-section of input and output with screws, for flexible conductors | 1 - 16 mm ² |
|--|------------------------|

Power

| | |
|---------------------------|---------|
| Total power loss under IN | 18.50 W |
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Use conditions

| | |
|---------------|---------|
| Max. Altitude | 2,000 m |
|---------------|---------|

Endurance

| | |
|--|-------|
| Electric endurance in number of cycles | 2,000 |
|--|-------|

| | |
|---------------------------------|-------|
| Number of mechanical operations | 4,000 |
|---------------------------------|-------|

Connectivity

| | |
|--------------------|----------------|
| Type of connection | Screw terminal |
|--------------------|----------------|

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|--|------------------|
| Top connection alignment for modular devices | Aligned terminal |
|--|------------------|

| | |
|---|------------------|
| Down connection alignment for modular devices | Aligned terminal |
|---|------------------|

Dimensions

| | |
|--------|-------|
| Height | 83 mm |
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| | |
|-------|-------|
| Width | 70 mm |
|-------|-------|

| | |
|-------|-------|
| Depth | 70 mm |
|-------|-------|