



CPA684U

RCCB 3P+N 100A 300mA A S

Technical characteristics

Architecture

| | |
|------------------|-------------------------------|
| Neutral position | right |
| Number of poles | 4 P |
| Type of pole | 3P+N |
| Fixing mode | DIN rail type O (symmetrical) |

Main electrical features

| | |
|------------------------------|-------------|
| Rated operational voltage Ue | 230 / 400 V |
| Frequency | 50 Hz |
| Type of supply voltage | AC |

Voltage

| | |
|---------------------------------|--------|
| Rated insulation voltage | 500 V |
| Max operating voltage | 440 V |
| Rated impulse withstand voltage | 4000 V |

Electric current

| | |
|---|--------|
| Rated residual operating current | 300 mA |
| Rated conditional short-circuit current Inc according to EN 61008-1 | 10 kA |

Electric current / temperature

| | |
|---------------------|-------|
| Rating current 30°C | 100 A |
|---------------------|-------|

Dimensions

| | |
|-----------------------------|-------|
| Depth of installed product | 70 mm |
| Height of installed product | 85 mm |
| Width of installed product | 72 mm |

Power

| | |
|---------------------------|---------|
| Total power loss under IN | 21.48 W |
|---------------------------|---------|

Tripping

| | |
|-----------------------------|-----|
| Short-time delayed tripping | Yes |
|-----------------------------|-----|

Endurance

| | |
|--|-------|
| Electric endurance in number of cycles | 10000 |
| Number of mechanical operations | 20000 |

Equipment

| | |
|---------------|----|
| Quick connect | no |
|---------------|----|

| | |
|-------------------------|-------------|
| Can be accessorized | Yes |
| Standards | |
| Standard text | EN 61008-1 |
| European directive WEEE | concerned |
| Safety | |
| Protection index IP | IP20 |
| Residual current type | A SEL |
| Use conditions | |
| Operating temperature | -25...60 °C |