

CIRCUIT BREAKER 240V 10KA, 3-POLE, D, 63A, D=70MM ACC. TO UL 489



| Model | |
|---|--|
| product brandname | SENTRON |
| General technical data | |
| Number of poles | 3 |
| Number of poles / Note | 3P |
| Tripping characteristic class | D |
| Installation environment regarding EMC | Suitable for environment B (immunity to interference not applicable) |
| circuit-breaker / Design | 5SJ4 |
| Mechanical service life (switching cycles) / typical | 20 000 |
| Equipment marking / acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750 | F |
| Overvoltage category | 3 |
| Voltage | |
| Type of voltage | AC/DC |
| Insulation voltage / at AC / rated value | 440 V |
| Supply voltage | |
| Supply voltage / at AC / rated value | 400 V |

| | |
|--|--|
| Supply voltage frequency / rated value | 50 Hz |
| Protection class | |
| Protection class IP | IP20, with connected conductors, IP 40 in the handle range |
| Switching capacity | |
| Switching capacity current | |
| • acc. to EN 60898 / rated value | 10 kA |
| • acc. to IEC 60947-2 / rated value | 15 kA |
| Dissipation | |
| Power loss [W] | |
| • for rated value of the current / at AC / in hot operating state / per pole | 6.7 W |
| • maximum | 20.1 W |
| Electricity | |
| rated current I _n / IEC, DIN/VDE / at 40 Cel | 63 A |
| Current / at AC / rated value | 63 A |
| Main circuit | |
| Operating voltage | |
| • minimum | 24 V |
| • at AC / acc. to UL 489 and CSA C22.2 No. 5-02 / maximum | 240 V |
| • at DC / 1-channel / acc. to UL 489 and CSA C22.2 No. 5-02 / maximum | 60 V |
| • at DC / 2-channel / acc. to UL 489 and CSA C22.2 No. 5-02 / maximum | 125 V |
| • at DC / rated value / maximum | 60 V |
| Product details | |
| Product feature / Touch protection | Yes |
| Product component | |
| • Tunnel terminals top | No |
| • Tunnel terminals bottom | No |
| • combined terminal top | Yes |
| • combined terminal bottom | Yes |
| Product feature | |
| • halogen-free | Yes |
| • sealable | Yes |
| • silicon-free | Yes |
| Product extension / can be installed / supplementary devices | Yes |
| Product function | |
| Product function | |

- Note
- neutral conductor switching

Terminal tightening torque for Cu, 60/75°C; 3.5Nm/31lb.in

No

Short circuit

Breaking capacity short-circuit current (I_{cn}) / at AC / acc. to UL 1077 and CSA C22.2 No.235 10 kA

Number

Number of test cycles / for environmental testing / acc. to IEC 60068-2-30 6

Connections

Connectable conductor cross-section / finely stranded / with core end processing

- minimum 1.5 mm²
- maximum 25 mm²

Position / of power supply cord Any

Mechanical Design

Height 90 mm

Width 54 mm

Depth 76 mm

Mounting position any

Installation depth 70 mm

Number of width units 3

Mounting type on standard mounting rail

Environmental conditions

Degree of pollution 3

Influence of the surrounding temperature max. 95% humidity

Vibration resistance 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec)

Vibration resistance / acc. to IEC 60068-2-6 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec)

Ambient temperature

- minimum -25 °C
- maximum 55 °C
- during storage / minimum -40 °C
- during storage / maximum 75 °C

Certificates

Equipment marking

- acc. to DIN EN 61346-2 F
- acc. to DIN EN 81346-2 F

| General Product Approval | Declaration of Conformity | Test Certificates |
|--------------------------|---------------------------|-------------------|
|--------------------------|---------------------------|-------------------|



CCC



UL



VDE



EG-Konf.

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Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SJ4363-8HG41>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/5SJ4363-8HG41/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ4363-8HG41

CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://www.siemens.com/specifications>



