

SENTRON, 3KC transfer switching equipment, manually operated, MTSE, size: 2, 3-pole, I_u : 80 A, U_e AC: 415 V, I_e at AC-33 B at 415 V: 80 A, I_e at AC-23 A at 690 V: 80 A, screw and standard mounting rail installation 35 mm, Front operating mechanism, centered, without handle, box terminal



| Model | |
|--|--|
| product brand name | SENTRON |
| product designation | 3KC transfer switching equipment |
| design of the product | manually operated |
| display version for switch position indicator door-coupling rotary operating mechanism | I ON- O OFF- II ON |
| design of the actuating element | Without handle |
| design of handle | without |
| type of the driving mechanism | Front operating mechanism |
| type of the driving mechanism motor drive | No |
| General technical data | |
| number of poles | 3 |
| type of device | fixed mounting |
| size of switch disconnector | 2 |
| mechanical service life (operating cycles) for function sequence O-I-O typical | 15 000 |
| I _{2t} value | <ul style="list-style-type: none"> with closed switch for combination switch + fuse at 500 V maximum with closed switch at 690 V for combination switch + gG fuse maximum with closed switch at 690 V for combination switch + aM fuse maximum of the fuse at 415 V maximum permissible of the fuse at 500 V maximum permissible of the gG fuse at 690 V maximum permissible of the aM fuse at 690 V maximum permissible with closed switch for combination switch + fuse at 415 V maximum |
| | 135 600 A ² s |
| | 178 300 A ² s |
| | 201 200 A ² s |
| | 223 005 A ² s |
| | 223 005 A ² s |
| | 226 005 A ² s |
| | 235 000 A ² s |
| | 135 600 A ² s |
| position of the switch operating mechanism | in center |
| overvoltage category | III |
| degree of pollution | 3 |
| insulation voltage | <ul style="list-style-type: none"> rated value |
| | 1 000 V |
| Protection class | |
| protection class IP | IP20 |
| protection class IP | <ul style="list-style-type: none"> with closed switch with cover or cable lug cover on the front |
| | IP20 |
| | IP20 |
| Dissipation | |
| power loss [W] | <ul style="list-style-type: none"> with conventional rated thermal current per device |
| | 6 W |

| Main circuit | |
|--|---|
| operating power | |
| • at AC-23 A at 400 V at 50/60 Hz rated value | 37 kW |
| • at AC-23 A at 500 V rated value | 55 kW |
| operational current rated value | 80 A |
| Auxiliary circuit | |
| number of connected NC contacts for auxiliary contacts | 0 |
| number of connected NO contacts for auxiliary contacts | 0 |
| number of connected CO contacts for auxiliary contacts | 0 |
| number of CO contacts for auxiliary contacts | 8 |
| number of NC contacts for auxiliary contacts | 0 |
| number of NO contacts for auxiliary contacts | 0 |
| suitability for use main switch | Yes |
| suitability for use switch disconnector | Yes |
| suitability for use EMERGENCY OFF switch | Yes |
| suitability for use safety switch | Yes |
| suitability for use maintenance/repair switch | Yes |
| product feature interlock | No |
| product extension auxiliary switch | Yes |
| product extension optional | |
| • motor drive | No |
| • voltage trigger | No |
| Short circuit | |
| short-circuit current making capacity (Icm) for switch disconnector | |
| • at 415 V AC without fuse link according to IEC 60947-6-1 rated value minimum | 17 kA |
| • at 690 V AC without fuse link according to IEC 60947-3 rated value minimum | 12 kA |
| conditional short-circuit current with line-side fuse protection | |
| • at 415 V by gG fuse according to IEC 60947-6-1 rated value | 100 kA |
| • at 415 V by gG fuse rated value | 100 kA |
| • at 500 V by gG fuse according to IEC 60947-3 rated value | 100 kA |
| • at 690 V by gG fuse according to IEC 60947-3 rated value | 65 kA |
| Connections | |
| type of connectable conductor cross-sections with flexible busbar | 3x (0.8x14 mm ²) |
| type of connectable conductor cross-sections | |
| • for copper busbar | 1x (3x14 mm ²) |
| type of connectable conductor cross-sections for copper conductor | |
| • solid | 1x (2.5 ... 16 mm ²) |
| • finely stranded with core end processing | 1x (2.5 ... 70 mm ²) |
| • stranded | 1x (10 ... 70 mm ²) |
| type of electrical connection | |
| • for main current circuit | box terminal |
| Mechanical Design | |
| height | 126 mm |
| width | 255.6 mm |
| depth | 84.5 mm |
| fastening method | Screw fixing and standard rail mounting 35 mm |
| fastening method | |
| • 4-hole front mounting | No |
| • front mounting with central attachment | No |
| • rail mounting | Yes |
| mounting position | any |
| net weight | 2 100 g |
| Environmental conditions | |
| ambient temperature during operation | |

| | |
|---|--------|
| • minimum | -25 °C |
| • maximum | 70 °C |
| ambient temperature during storage | |
| • minimum | -50 °C |
| • maximum | 80 °C |

Approvals Certificates

General Product Approval



[Confirmation](#)



EG-Konf.



[Miscellaneous](#)

General Product Approval

Test Certificates

Marine / Shipping

other



[Type Test Certificates/Test Report](#)



[Miscellaneous](#)

[Confirmation](#)

Environment

[Environmental Confirmations](#)

[Environmental Confirmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3KC0328-2NE00-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KC0328-2NE00-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KC0328-2NE00-0AA0

CAx-Online-Generator

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

Tender specifications

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



