SIEMENS

Product data sheet

3KD3632-0PE10-0

SWITCH-DISCONNECTOR 200A, FRAME SIZE 3, 3-POLE FRONT OPERATING LEFT COMPLETE ASSEMBLY WITH DIRECT HANDLE GREY FLAT TERMINAL



Similar to image

| General technical details: | | | | |
|-----------------------------|---|--------------------------|--|--|
| product brand name | | SENTRON | | |
| Product designation | | Switching device | | |
| Design of the product | | 3KD Switch Disconnectors | | |
| Size of switch disconnector | | 3 | | |
| Number of poles | | 3 | | |
| Continuous current | | | | |
| rated value | А | 200 | | |
| • at 40 °C / rated value | А | 200 | | |
| • at 45 °C / rated value | А | 200 | | |
| • at 50 °C / rated value | А | 200 | | |
| • at 55 °C / rated value | А | 200 | | |
| • at 60 °C / rated value | А | 200 | | |
| • at 65 °C / rated value | А | 200 | | |
| • at 70 °C / rated value | А | 200 | | |
| • at DC / rated value | А | 200 | | |
| Operating current | | | | |
| • at AC-21 A | | | | |
| • at 400 V / maximum | А | 200 | | |

| • at 500 V / maximum | А | 200 |
|---|------|---------|
| • at 690 V / maximum | А | 200 |
| • at AC-22 A | | |
| • at 400 V / at 50/60 Hz / rated value / maximum | А | 200 |
| • at 500 V / at 50/60 Hz / rated value / maximum | А | 200 |
| • at 690 V / at 50/60 Hz / rated value / maximum | А | 200 |
| • at AC-23 A | | |
| • at 400 V / at 50/60 Hz / rated value / maximum | А | 200 |
| • at 500 V / at 50/60 Hz / rated value / maximum | А | 200 |
| • at 690 V / at 50/60 Hz / rated value / maximum | А | 200 |
| • at DC-21 A | | |
| • at 220 V / maximum / note | | 200 / 2 |
| • at 440 V / rated value / maximum / note | | 200 / 3 |
| • at DC-22 A | | |
| • at 220 V / rated value / maximum / note | | 200 / 2 |
| • at 440 V / rated value / maximum / note | | 200 / 3 |
| • at DC-23 A | | |
| • at 220 V / rated value / maximum / note | | 200 / 2 |
| • at 440 V / rated value / maximum / note | | 200 / 3 |
| Operational voltage | | |
| • at 50/60 Hz / for AC / rated value | V | 690 |
| • with 3 current paths in series / with DC / rated value | V | 440 |
| Insulation voltage / rated value | V | 1,000 |
| Impulse voltage resistance / rated value | kV | 12 |
| Overvoltage class | - | IV |
| Operating power / at AC-23 A | | |
| • at 400 V / at 50/60 Hz / rated value | kW | 110 |
| • at 500 V / at 50/60 Hz / rated value | kW | 132 |
| • at 690 V / at 50/60 Hz / rated value | kW | 185 |
| I2t value / with closed switch | - | |
| for combination switch + fuse | | |
| • at 400 V / maximum | A²-s | 426,500 |
| • at 500 V / maximum | A²-s | 426,500 |
| • at 690 V | | |
| for combination switch +gG fuse / maximum | A²-s | 348,000 |
| Let-through current / with closed switch | | |
| for combination switch + fuse | | |
| • at 400 V / maximum permissible | А | 25,100 |
| • at 500 V / maximum permissible | А | 25,100 |
| • at 690 V | | |
| | | |

| a with combination switch to M fuse (movimum normissible | А | 22,700 |
|--|--------|-------------------------------|
| with combination switch +aM fuse / maximum permissible Short-time current resistance (Icw) / limited to 1 s / rated value | kA | 22,700 |
| | - | 13 |
| Making capacity short-circuit current (Icm) / for switch disconnector / without fuse link / rated value / minimum | kA | 26 |
| Conditional short-circuit current / with line-side fuse protection | | |
| • at 500 V / by gG fuse / rated value | kA | 100 |
| • at 690 V / by gG fuse / rated value | kA | 65 |
| Active power loss / with conventional rated thermal current / per pole | W | 4 |
| Product equipment / interlock | | Yes |
| Type of the driving mechanism / motor drive | | No |
| Product extension / optional / motor drive | | No |
| Design of the electrical connection / for main current circuit | | flat connector |
| Type of connectable conductor cross-sections | | |
| for copper conductor / stranded / with lug | | |
| according to DIN 46234 | | 1x (6 240mm²), 2x (6 150mm²) |
| according to DIN 46235 | | 1x (16 185mm²), 2x (16150MM²) |
| Number of connected NC contacts / for auxiliary contacts | | 0 |
| Number of connected NO contacts / for auxiliary contacts | | 0 |
| Number of connected changeover contacts / for auxiliary contacts | | 0 |
| Product extension / auxiliary switch | | Yes |
| Number of NC contacts / for auxiliary contacts | | 6 |
| Number of NO contacts / for auxiliary contacts | | 6 |
| Number of changeover contacts / for auxiliary contacts | | 0 |
| Acceptability for application / switch disconnector | | Yes |
| Acceptability for application | | |
| emergency stop switch | | No |
| main switch | | Yes |
| safety cut-out switch | | Yes |
| maintenance/repair switch | | Yes |
| Design of the operating mechanism | | manual operating mechanism |
| Mounting type | | floor mounting |
| Mounting type / rail mounting | | No |
| Mounting type / front mounting with 4-hole attachment | | No |
| Mounting type / front mounting with central attachment | | No |
| Type from device | | fixed mounting |
| mounting position | | any |
| Position / of switch operating mechanism | | at the left end |
| Design of handle | | direct handle, grey |
| | | |

| WidthImm99Heightmm64Depthmm30.5Protection class IPIP0• on the frontIP0• with closed switch / with cover or cable lug coverIP0• during operatingC-50+70• during operating°C-50+80• during storage°C-50+80Degree of pollutionGC3IEctrical endurance (switching cycles)IF-50+80• at AC-23 A / at 690 V / at 50% 0 HZ1,000• at AC23 A / at 690 V / at 50% 0 HZ1,000• at AQ20 V1,000• at 420 V1,000• at 420 V• at 440 VPesign of display• or switch position indicator manual operationGNOFFFTESTNewightNewightNewight Charter for the formation of | | _ | |
|---|--|----|-------------|
| Depthmm130.5Protection class IPIP00• on the frontIP00• with closed switch / with cover or cable lug coverIP20Ambient temperatureIP20• during operating°C• during storage°CDegree of pollutionSIECtrical endurance (switching cycles)I000• at AC-23 A / at 690 V / at 50/60 HzI,000• at Q20 VI,000• at 440 VI,000Design of displayI,000• for switch position indicator manual operationINet weightgReference code / according to DIN EN 61346-2GQQ | Width | mm | 190 |
| Protection class IPIP00• on the frontIP00• with closed switch / with cover or cable lug coverIP20Ambient temperature-25 +70• during operating°C-25 +80• during storage°C-50 +80Degree of pollution3Mechanical operating cycles as operating time / typical10,000Electrical endurance (switching cycles)1,000• at AC-23 A / at 690 V / at 50/60 Hz1,000• at AC-23 A1,000• at AC-23 A3• at AC-23 A3 | Height | mm | 164 |
| • on the frontIP00• with closed switch / with cover or cable lug coverIP20Ambient temperatureIP20• during operating0°C• during storage0°C• during storage0°CDegree of pollution0°CMechanical operating cycles as operating time / typical0• at AC-23 A / at 690 V / at 50/60 Hz1,000• at AC-23 A / at 690 V / at 50/60 Hz1,000• at AC-23 A1,000• at AC-24 A1,000• at AC-25 A1,000• at AC-25 A1,000• at AC-26 A1,000 <td>Depth</td> <td>mm</td> <td>130.5</td> | Depth | mm | 130.5 |
| with closed switch / with cover or cable lug coverIP20Ambient temperatureIP20• during operating°C-25 +70• during storage°C-50 +80Degree of pollutionIO3Mechanical operating cycles as operating time / typicalIO,000Electrical endurance (switching cycles)II,000• at AC-23 A / at 690 V / at 50/60 HzII,000• at 220 VII,000• at 220 VII,000• at 440 VII,000Design of displayII,000• for switch position indicator manual operationIIMetweightIg2,850Reference code / according to DIN EN 61346-2II | Protection class IP | | IP00 |
| Ambient temperatureImage: Constraint of the second sec | • on the front | | IP00 |
| • during operating°C-25 +70• during storage°C-50 +80Degree of pollution3Mechanical operating cycles as operating time / typical10,000Electrical endurance (switching cycles)1,000• at AC-23 A / at 690 V / at 50/60 Hz1,000• at 220 V1,000• at 420 V1,000• at 440 V1,000Design of displayON-OFF-TEST• for switch position indicator manual operationgReference code / according to DIN EN 61346-2GQQ | with closed switch / with cover or cable lug cover | | IP20 |
| • during storage°C• during to compare the storage• during storage°C-50 +80Degree of pollution310,000Mechanical operating cycles as operating time / typical10,000Electrical endurance (switching cycles)1,000• at AC-23 A / at 690 V / at 50/60 Hz1,000• at DC-23 A1,000• at 220 V1,000• at 440 V1,000Design of displayMonoperation• for switch position indicator manual operationGNet weightgReference code / according to DIN EN 61346-2GOQ | Ambient temperature | | |
| Degree of pollution3Mechanical operating cycles as operating time / typical10,000Electrical endurance (switching cycles)1,000• at AC-23 A / at 690 V / at 50/60 Hz1,000• at DC-23 A1,000• at 220 V1,000• at 440 V1,000Design of displayMetweight• for switch position indicator manual operationGNet weightgReference code / according to DIN EN 61346-2g | during operating | °C | -25 +70 |
| Mechanical operating cycles as operating time / typical10,000Electrical endurance (switching cycles)1,000• at AC-23 A / at 690 V / at 50/60 Hz1,000• at DC-23 A1,000• at 220 V1,000• at 220 V1,000• at 440 V1,000Design of display0N-OFF-TEST• for switch position indicator manual operationgReference code / according to DIN EN 61346-2GQQ | during storage | °C | -50 +80 |
| Electrical endurance (switching cycles)Image: space of the | Degree of pollution | | 3 |
| • at AC-23 A / at 690 V / at 50/60 Hz1,000• at DC-23 A1,000• at 220 V1,000• at 440 V1,000• at 440 V0Design of display0N-OFF-TEST• for switch position indicator manual operationgNet weightgReference code / according to DIN EN 61346-2Q | Mechanical operating cycles as operating time / typical | | 10,000 |
| • at DC-23 AImage: constraint of the second sec | Electrical endurance (switching cycles) | | |
| • at 220 V1,000• at 440 V1,000Design of display1,000• for switch position indicator manual operationON-OFF-TESTNet weightg2,850Reference code / according to DIN EN 61346-2Q | • at AC-23 A / at 690 V / at 50/60 Hz | | 1,000 |
| • at 440 V1,000Design of displayI• for switch position indicator manual operationON-OFF-TESTNet weightg2,850Reference code / according to DIN EN 61346-2Q | • at DC-23 A | | |
| Design of display ON-OFF-TEST • for switch position indicator manual operation g 2,850 Net weight g Q | • at 220 V | | 1,000 |
| • for switch position indicator manual operationON-OFF-TESTNet weightg2,850Reference code / according to DIN EN 61346-2Q | • at 440 V | | 1,000 |
| Net weight g 2,850 Reference code / according to DIN EN 61346-2 Q | Design of display | | |
| Reference code / according to DIN EN 61346-2 Q | for switch position indicator manual operation | | ON-OFF-TEST |
| | Net weight | g | 2,850 |
| | Reference code / according to DIN EN 61346-2 | | Q |
| Item designation / according to DIN EN 81346-2 Q | Item designation / according to DIN EN 81346-2 | | Q |

Certificates/approvals:

General Product Approval Declaration of Conformity





Further information:

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

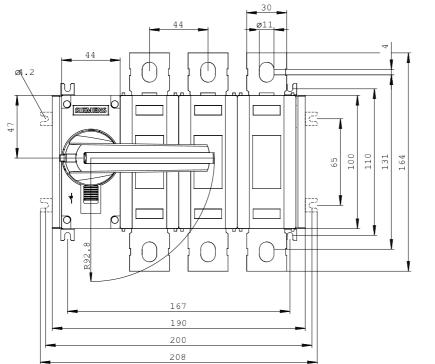
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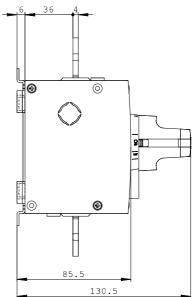
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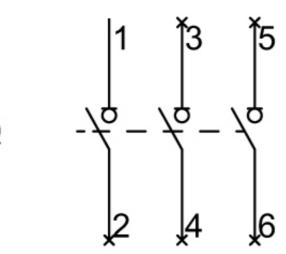
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KD3632-0PE10-0

CAx-Online-Generator

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