SIEMENS

Data sheet

3LD2003-1TP51

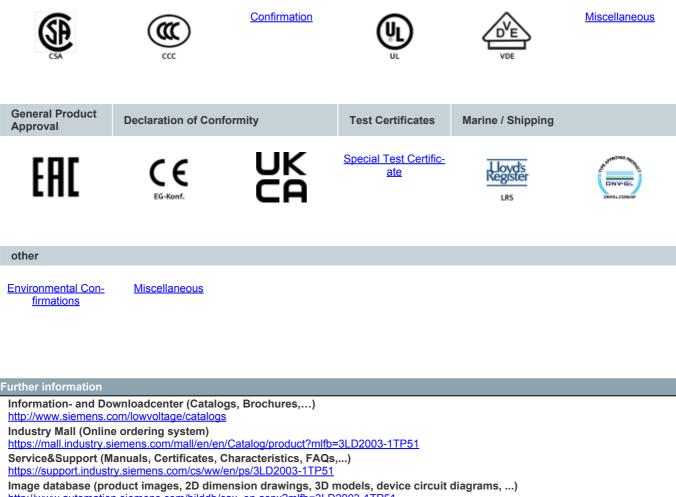


SENTRON, Switch disconnector 3LD, main switch, 3-pole, lu: 16 A, Operating power / at AC-23 A at 400 V: 7.5 kW, front-mounted, 1 NC, 1 NO, rotary operating mechanism, black, 4-hole mounting of the handle

| product brand name SENTRON product designation 3LD Switch disconnector design of the product Main switch display version / for switch position indicator manual operation 1ON - 0 OFF type of switch front mounted color / of the actualing element Short rotary knob color / of the actualing element black design of the actualing element No number of poles 3 size of switch disconnector 1 number of poles 3 size of switch disconnector 1 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 060 0 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 680 V surge voltage resistance / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 690 V operating robection NULL 690 V operating frequency / rated value 690 V operating frequency / rated value | Model | Model | | |
|--|--|-----------------------------------|--|--|
| design of the product Main switch display version / for switch position indicator manual operation 1 ON - 0 OFF type of switch front mounted design of the actuating element Short rotary knob color / of the actuating element black design of handle rotary operating mechanism, black type of the driving mechanism / motor drive No General technical data number of poles size of switch disconnector 1 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 6 800 V surge voltage resistance / rated value 690 V operating voltage 6 kV operating voltage 6 800 V operating voltage 6 90 V operating routing voltage 6 kV operating routing voltage 6 by V operating routing on the front 1 P65 protection class IP IP65 protection class IP / on the front IP65 Dissipation 0.5 W portedion class IP / on the front IP65 Dissipation 0.5 W pover loss [W] / for rat | product brand name | SENTRON | | |
| display version / for switch position indicator manual operation 1 ON - 0 OFF type of switch front mounted design of the actuating element black design of handle rotary operating mechanism, black type of switch rotary operating mechanism, black type of the driving mechanism / motor drive No General technical data | product designation | 3LD Switch disconnector | | |
| operation front mounted type of switch front mounted design of the actuating element black color / of the actuating element black design of handle rotary operating mechanism, black bype of the driving mechanism / motor drive No General technical data | design of the product | Main switch | | |
| design of the actuating element Short rotary knob color / of the actuating element black design of handle rotary operating mechanism, black type of the driving mechanism / motor drive No Genoral technical data number of poles number of poles 3 size of switch disconnector 1 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 00 00 operating frequency / maximum 50 1/h degree of pollution 3 Voltage insulation voltage / rated value operating frequency / rated value 680 V surge voltage resistance / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 60 Hz Protection class IP IP65 <td></td> <td>1 ON - 0 OFF</td> | | 1 ON - 0 OFF | | |
| color / of the actuating element black design of handle rotary operating mechanism, black type of the driving mechanism / motor drive No Coneral technical data Interpret of poles size of switch disconnector 1 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 6000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage Insulation voltage / rated value insulation voltage / rated value 690 V operating frequency / rated value 600 Hz Protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 | type of switch | front mounted | | |
| design of handle rotary operating mechanism, black type of the driving mechanism / motor drive No General technical data number of poles size of switch disconnector 1 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage insulation voltage / rated value insulation voltage / rated value 690 V operating frequency / maximum 60 NV surge voltage resistance / rated value 690 V operating frequency / rated value 60 Hz Protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front | design of the actuating element | Short rotary knob | | |
| type of the driving mechanism / motor drive No General technical data | color / of the actuating element | black | | |
| General technical data number of poles 3 size of switch disconnector 1 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 000 operating frequency / maximum 60 00 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 690 V insulation voltage / rated value 690 V operating voltage resistance / rated value 690 V operating voltage 61 V operating voltage 680 V operating requency / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 690 V operation class IP IP65 protection class IP IP65 operational current / rated value of the current / at AC / in hot operating state / per pole 0.5 W< | design of handle | rotary operating mechanism, black | | |
| number of poles 3 size of switch disconnector 1 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 690 V insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating frequency / rated value 690 V operating voltage 64V • at AC / rated value 690 V operating trequency / rated value 690 V operating trequency / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 690 V operating requency / rated value 690 V operating trequency / rated value 690 V operating requency / rated value 690 V operating trequency / rated value 690 V operating state / per pole IP65 Dissipation IP65 Dissipation 0.5 W operational curre | type of the driving mechanism / motor drive | No | | |
| size of switch disconnector 1 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 690 V insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating frequency / rated value 690 V operating requency / rated value 690 V operating requency / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 600 Hz Protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 0.5 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 0.5 W operational current 16 A | General technical data | General technical data | | |
| mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 690 V insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating frequency / rated value 690 V operating voltage 690 V • at AC / rated value 690 V operating voltage 690 V • at AC / rated value 690 V operating frequency / rated value 60 Hz Protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 0.5 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 16 A operational c | number of poles | 3 | | |
| electrical endurance (switching cycles) 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 690 V insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating voltage 6 kV operating voltage 6 kV operating requency / rated value 690 V surge voltage resistance / rated value 690 V operating frequency / rated value 600 V operating frequency / rated value 100 Hz Protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 0.5 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 0.5 W operational current / rated value 16 A operati | size of switch disconnector | 1 | | |
| • at AC-23 A / at 690 V 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 690 V insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating voltage 64V • at AC / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 60 Hz Protection class P protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 0.5 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole operational current / rated value 16 A <td>mechanical service life (switching cycles) / typical</td> <td>100 000</td> | mechanical service life (switching cycles) / typical | 100 000 | | |
| operating frequency / maximum 50 1/h degree of pollution 3 Voltage insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating voltage 6 • at AC / rated value 690 V operating frequency / rated value 60 Hz Protection class IP protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 0.5 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 0.5 W current 0.5 W 0.5 W operational current / rated value 16 A < | electrical endurance (switching cycles) | | | |
| degree of pollution 3 Voltage insulation voltage / rated value 690 V surge voltage resistance / rated value 6 kV operating voltage 6 kV operating requency / rated value 690 V operating frequency / rated value 60 Hz Protection class P protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 0.5 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 0.5 W Current 0perational current / rated value 16 A operational current 16 A | • at AC-23 A / at 690 V | 6 000 | | |
| Voltage insulation voltage / rated value 690 V surge voltage resistance / rated value 6 kV operating voltage 690 V operating frequency / rated value 60 Hz Protection class IP IP65 protection class IP / on the front IP65 Dissipation IP65 power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 0.5 W Current operational current / rated value 16 A operational current 16 A | operating frequency / maximum | 50 1/h | | |
| insulation voltage / rated value 690 V surge voltage resistance / rated value 6 kV operating voltage 690 V • at AC / rated value 690 V operating frequency / rated value 690 V • minimum 50 Hz • maximum 60 Hz Protection class 1065 protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 0.5 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 0.5 W Current 16 A operational current 16 A | degree of pollution | 3 | | |
| surge voltage resistance / rated value 6 kV operating voltage 690 V operating frequency / rated value 690 V operating frequency / rated value 60 Hz • minimum 60 Hz Protection class 1065 protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 0.5 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 0.5 W current 16 A operational current 16 A | Voltage | | | |
| operating voltage 690 V operating frequency / rated value 690 V operating frequency / rated value 50 Hz • minimum 50 Hz • maximum 60 Hz Protection class 1065 gree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 0.5 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 0.5 W Current 16 A operational current 16 A | insulation voltage / rated value | 690 V | | |
| • at AC / rated value 690 V operating frequency / rated value 50 Hz • minimum 50 Hz • maximum 60 Hz Protection class protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 0.5 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 0.5 W Operational current / rated value 16 A operational current 16 A | surge voltage resistance / rated value | 6 kV | | |
| operating frequency / rated value 50 Hz • maximum 60 Hz Protection class protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 degree of protection vector of the current / at AC / in hot operating state / per pole 0.5 W Current 0.5 W operational current / rated value 16 A operational current 16 A | operating voltage | | | |
| minimum 50 Hz maximum 60 Hz Protection class protection class IP IP65 degree of protection NEMA rating protection class IP / on the front IP65 Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value 16 A operational current • at 40 °C / rated value 16 A | at AC / rated value | 690 V | | |
| maximum 60 Hz Protection class protection class IP or the front IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current / rated value 16 A operational current • at 40 °C / rated value 16 A | operating frequency / rated value | | | |
| Protection class IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation IP65 power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 0.5 W Current operational current / rated value 16 A operational current 16 A | • minimum | 50 Hz | | |
| protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 0.5 W Current operational current / rated value 16 A operational current 16 A | • maximum | 60 Hz | | |
| degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 0.5 W Current operational current / rated value operational current / rated value 16 A operational current 16 A | Protection class | | | |
| protection class IP / on the front IP65 Dissipation 0.5 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 0.5 W Current 0.5 W operational current / rated value 16 A operational current 16 A | protection class IP | IP65 | | |
| Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 0.5 W Current operational current / rated value 16 A operational current • at 40 °C / rated value 16 A | degree of protection NEMA rating | 1, 3R, 4X, 12 | | |
| power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 0.5 W Current 0.5 W operational current / rated value 16 A operational current 16 A | protection class IP / on the front | IP65 | | |
| hot operating state / per pole Current operational current / rated value 16 A operational current 16 A | Dissipation | | | |
| operational current / rated value 16 A operational current | | 0.5 W | | |
| operational current • at 40 °C / rated value 16 A | Current | | | |
| • at 40 °C / rated value 16 A | operational current / rated value | 16 A | | |
| | operational current | | | |
| • at 45 °C / rated value 16 A | • at 40 °C / rated value | 16 A | | |
| | • at 45 °C / rated value | 16 A | | |

| • at 50 °C / rated value | 16 A |
|--|--|
| • at 55 °C / rated value | 16 A |
| at AC / rated value | 16 A |
| Main circuit | |
| operational current | |
| at AC-21 / at 690 V / rated value | 16 A |
| at AC-21 A / at 240 V / rated value | 16 A |
| at AC-21 A / at 400 V / rated value | 16 A |
| at AC-21 A / at 440 V / rated value | 16 A |
| • at AC-23 A / at 400 V / rated value | 16 A |
| operating power | |
| at AC-23 A / at 240 V / rated value | 4 kW |
| at AC-23 A / at 400 V / rated value | 8 kW |
| at AC-23 A / at 440 V / rated value | 7.5 kW |
| at AC-23 A / at 690 V / rated value | 8 kW |
| at AC-3 / at 240 V / rated value | 3 kW |
| at AC-3 / at 400 V / rated value | 6 kW |
| • at AC-3 / at 690 V / rated value | 5.5 kW |
| Auxiliary circuit | |
| number of CO contacts / for auxiliary contacts | 0 |
| number of NC contacts / for auxiliary contacts | 1 |
| number of NO contacts / for auxiliary contacts | 1 |
| operating voltage / of auxiliary contacts / at AC / maximum | 500 V |
| continuous current / of the auxiliary contact / rated value | 10 A |
| insulation voltage / of the auxiliary switch / rated value | 500 V |
| Suitability | |
| suitability for use | |
| main switch | Yes |
| switch disconnector | Yes |
| | |
| EMERGENCY OFF switch | No |
| EMERGENCY OFF switchsafety switch | No Yes |
| | |
| safety switch | Yes |
| safety switchmaintenance/repair switch | Yes |
| safety switch maintenance/repair switch Product details | Yes Yes |
| safety switch maintenance/repair switch Product details product feature / can be locked into OFF position | Yes Yes |
| safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories | Yes Yes |
| safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional | Yes Yes Yes |
| safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts | Yes Yes Yes No |
| safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum | Yes Yes Yes No No 2 |
| safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts | Yes Yes Yes No No |
| safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts | Yes Yes Yes No No 2 |
| safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum | Yes Yes Yes No No 2 2 2 3 |
| safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum | Yes Yes Yes No No 2 2 2 0 |
| safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum | Yes Yes Yes No No 2 2 2 3 |
| safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum hasp thickness / of the bracket locks | Yes Yes No No 2 2 3 |
| safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum number of bracket locks / maximum hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value | Yes Yes Yes No No 2 2 2 3 |
| safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum hasp thickness / of the bracket locks | Yes Yes Yes No No 2 2 2 0 3 4 8 mm |
| safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum number of bracket locks / maximum hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value | Yes Yes Yes No No 2 2 2 0 3 4 8 mm |
| safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value let-through current / with closed switch at 240 V / for combination switch + gG fuse / | Yes Yes No No 2 2 2 3 4 8 mm |
| safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum number of bracket locks / maximum attachable / by gG fuse / rated value let-through current / with closed switch at 240 V / for combination switch + gG fuse / maximum at 440 V / for combination switch + gG fuse / | Yes Yes Yes Yes No No 2 2 2 2 0 3 48 mm |
| safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value let-through current / with closed switch at 240 V / for combination switch + gG fuse / maximum at 440 V / for combination switch + gG fuse / maximum at 690 V / by combination switch + gG fuse / maximum | Yes Yes Yes No No 2 2 2 2 0 3 4 8 mm 50 kA 3 kA 3 kA |
| safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value let-through current / with closed switch at 240 V / for combination switch + gG fuse / maximum at 440 V / for combination switch + gG fuse / maximum at 690 V / for combination switch + gG fuse / maximum at 690 V / for combination switch + gG fuse / maximum at 690 V / for combination switch + gG fuse / maximum | Yes Yes Yes No No 2 2 2 0 3 48 mm 50 kA 3 kA 3 kA 3 kA |

| I2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum | 3 kA2.s |
|--|--|
| design of the fuse link | |
| for short-circuit protection of the main circuit / required | fuse gL/gG: 20 A |
| for short-circuit protection of the auxiliary switch / required | fuse gL/gG: 10 A |
| operational current / of upstream fuse / rated value | 20 A |
| according UL | |
| operational current / at AC / according to UL 508/UL 60947-4-1 / rated value | 16 A |
| operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value | 600 V |
| active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value | 7.5 |
| active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value | 10 |
| short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 | 5 kA |
| continuous current / of upstream fuse / according to UL / rated value | 50 A |
| type of fuse / according to UL | RK5 |
| Connections | |
| AWG number / as coded connectable conductor cross section / solid | |
| • maximum | 10 |
| • minimum | 18 |
| type of connectable conductor cross-sections / for copper conductor | |
| • solid | 1x (16mm²) |
| finely stranded / with core end processing | 1x (14mm²) |
| stranded | 1x (16mm ²) |
| type of connectable conductor cross-sections / for | |
| auxiliary contactssolid | lateral auxiliary switch 2x (0,75 2,5mm ²), 1x 4mm ² ; front auxiliary switch 1x (0,75 2,5mm ²) |
| • finely stranded / with core end processing | lateral auxiliary switch 2x (0,75 1,5mm ²), 1x 2,5mm ² ; front auxiliary switch 1x 2,5mm ² |
| • stranded | lateral auxiliary switch 2x (0,75 2,5mm ²), 1x 4mm ² ; front auxiliary switch 1x (0,75 2,5mm ²) |
| type of electrical connection | |
| for main current circuit | box terminal |
| for auxiliary contacts | connection terminals |
| Mechanical Design | |
| height | 84 mm |
| width | 67 mm |
| depth | 92.5 mm |
| type of device | fixed mounting |
| fastening method | Built-in unit fixed-mounted version |
| fastening method | |
| 4-hole front mounting | Yes |
| front mounting with central attachment | No |
| rail mounting | No |
| net weight | 217 g |
| Environmental conditions | |
| ambient temperature / during operation | |
| • minimum | -25 °C |
| • maximum | 55 °C |
| ambient temperature / during storage | |
| • minimum | -25 °C |
| • maximum | 55 °C |
| General Product Approval | |
| | |



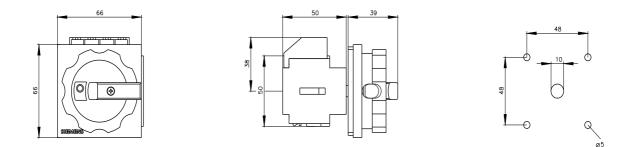
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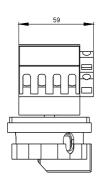
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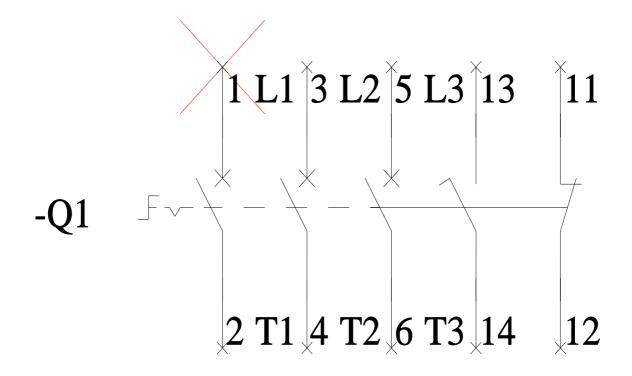
http://www.siemens.com/cax

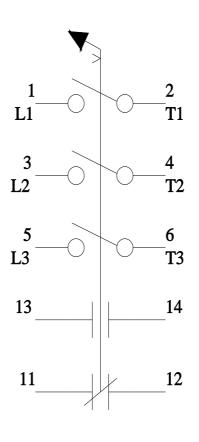
Tender specifications

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