SIEMENS

Data sheet

3LD3248-0TK53



Load disconnector 3LD3, lu 32 A Main switch 3-pole Rated operating capacity for AC-23 A at 400V 11.5kW floor mounting Basic switch with door coupling Central hole mounting 22.5mm Rotary actuator red / yellow 66 x 66 mm

| product brand name SENTRON product brand name SLD Switch disconnector design of the product EMERCENCY-STOP switch display version / for switch position indicator manual operation 1 ON - 0 OFF type of switch Floor mounting with door coupling design of the actuating element red color / of the actuating element red design of handle rotary operating mechanism, red/yellow type of the driving mechanism / motor drive No Operating frequency / note 3 number of poles / note 3 number of poles / note 3 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 60 00 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 680 V surge voltage resistance / rated value 680 V operating frequency / rated value 690 V <th>Model</th> <th></th> | Model | | |
|---|--|--|--|
| design of the product EMERGENCY-STOP switch display version / for switch position indicator manual operation 10N - 0 OFF type of switch Floor mounting with door coupling design of the actuating element Short rotary knob color / of the actuating element red design of handle rotary operating mechanism, red/yellow type of the driving mechanism / motor drive No General technical data number of poles number of poles 3 number of poles 3 electrical endurance (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage 6 NV operating rotage 6 NV operating rotage 6 NV e at AC / rated value 690 V summum 50 Hz operating frequency / raximum 50 Hz emaximum 50 Hz operating rotage 6 NV operating frequency / rated value 690 V operational current / rated value of the current / at AC / rate | product brand name | SENTRON | |
| display version / for switch position indicator manual operation 1 ON - 0 OFF type of switch Floor mounting with door coupling design of the actuating element red color / of the actuating element red design of handle rotary operating mechanism, red/yellow type of the driving mechanism / motor drive No General technical data number of poles / note number of poles / note 3 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 100 000 electrical endurance (switching cycles) / typical 000 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 60 Hz Protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.8 W poer loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.8 | product designation | 3LD Switch disconnector | |
| operation Floor mounting with door coupling design of the actuating element red color / of the actuating element red design of handle rotary operating mechanism, red/yellow type of the actuating element red design of handle rotary operating mechanism, red/yellow type of the driving mechanism / motor drive No General technical data | design of the product | EMERGENCY-STOP switch | |
| design of the actuating element Fred color / of the actuating element red design of handle rotary operating mechanism, red/yellow type of the driving mechanism / motor drive No General technical data rotary operating mechanism, red/yellow number of poles 3 number of poles / note 3 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 rated value surge voltage resistance / rated value 690 V surge voltage resistance / rated value 690 V operating frequency / rated value 100 000 e at AC / rated value 690 V operating frequency / rated value 100 V surge voltage resistance / rated value 100 V operating frequency / rated value 100 V operating frequency / rated value 100 V | | 1 ON - 0 OFF | |
| color / of the actuating element red design of handle rotary operating mechanism, red/yellow type of the driving mechanism / motor drive No General technical data Inumber of poles number of poles 3 number of poles / note 3 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 insulation voltage / rated value insulation voltage / rated value 690 V operating frequency / naximum 60 4V operating voltage resistance / rated value 690 V operating rotage resistance / rated value 690 V operating frequency / rated value 600 V operating frequency / rated value 600 V operating rotage resistance / rated value 600 V operating rotage resistance / rated value 600 V operating rotage resistance / rated value 600 V operating frequency / rated value 700 Hz operating frequency / rated value 700 Hz operating frequency / rated v | type of switch | Floor mounting with door coupling | |
| design of handle rotary operating mechanism, red/yellow type of the driving mechanism / motor drive No General technical data number of poles number of poles / note 3 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 insulation voltage / rated value insulation voltage / rated value 680 V surge voltage resistance / rated value 690 V operating frequency / rated value 690 V operating frequency / rated value 690 V operating requency / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 600 V operating frequency / rated value 60 Hz Protection class IP IP65 degree of protection NEMA rating 1, 3R, 4 | design of the actuating element | Short rotary knob | |
| type of the driving mechanism / motor drive No General technical data | color / of the actuating element | red | |
| General technical data number of poles 3 number of poles 3 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 000 operating frequency / maximum 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage insulation voltage / rated value insulation voltage / rated value 690 V operating reguency / rated value 690 V operating reguency / rated value 690 V operating voltage 690 V operating reguency / rated value 690 V operating frequency / rated value 7, 38, 4X, 1 | design of handle | rotary operating mechanism, red/yellow | |
| number of poles 3 number of poles / note 3 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 • et 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 operating voltage 6 kV operating requency / rated value 690 V operating requency / rated value 690 V operating requency / rated value 690 V operating frequency / rated value 690 V operating requency / rated value 690 V operation class IP 1, 3R, 4X, 12 protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.8 W operating state / per pole 2A operational curre | type of the driving mechanism / motor drive | No | |
| number of poles / note 3 mechanical service life (switching cycles) / typical 100 000 electrical endurance (switching cycles) 6 • 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 frequency / maximum 60 V operating frequency / 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 1.8 W pore loss [W] / for rated value of the current / at AC / in hot operating state / per pole 32 A | 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 insulation voltage / rated value insulation voltage / rated value 690 V operating frequency / maximum 600 operating voltage 64V operating voltage 690 V operating requency / rated value 690 V operating requency / rated value 690 V operating requency / 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 1.8 W pover loss [W] / for rated value of the current / at AC / in 1.8 W operatio | 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 operating voltage 690 V e at AC / rated value 690 V operating voltage 690 V e at AC / rated value 690 V operating voltage 690 V e at AC / rated value 690 V operating frequency / rated value 690 V operation class IP 10 Hz protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 18 W power loss [W] / for rated value of the current / at AC / in 1.8 W operational current / rated value 32 A operational current / at | number of poles / note | 3 | |
| • at AC-23 A / at 690 V 6 000 operating frequency / maximum 50 1/h degree of pollution 3 Voltage insulation voltage / rated value insulation voltage / rated value 690 V surge voltage resistance / rated value 690 V operating voltage 690 V • at AC / rated value 690 V operating frequency / rated value 50 Hz emaximum 60 Hz Protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.8 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 32 A operational current< | 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 640 V • at AC / rated value 690 V operating frequency / rated value 60 Hz Protection class IP65 protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.8 W current 32 A operational current / rated value 32 A operational current 32 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 690 V • at AC / rated value 690 V operating frequency / rated value 690 V • minimum 50 Hz • maximum 60 Hz Protection class Protection class IP protection class IP 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 1.8 W Current 32 A operational current / rated value 32 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 voltage 690 V operating frequency / rated value 690 V operating state / per pole IP65 Operating to rated value of the current / at AC / in hot operating state / per pole 1.8 W Operational current / rated value 32 A operational current 32 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 Protection class IP gree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 18 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 32 A operational current 32 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 • maximum 60 Hz Protection class protection class IP protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation IP65 current 32 A operational current 32 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 100 Hz protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation 1.8 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 32 A operational current 32 A operational current 32 A | insulation voltage / rated value | 690 V | |
| • at AC / rated value 690 V operating frequency / rated value 50 Hz • minimum 60 Hz Protection class 60 Hz protection class IP IP65 degree of protection NEMA rating 1, 3R, 4X, 12 protection class IP / on the front IP65 Dissipation IP65 operating state / per pole 1.8 W current 32 A operational current 32 A operational current 32 A | surge voltage resistance / rated value | 6 kV | |
| 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 power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.8 W Current 32 A operational current / rated value 32 A | operating voltage | | |
| • 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 IP65 power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.8 W Current 32 A operational current 32 A | at AC / rated value | 690 V | |
| maximum 60 Hz Protection class protection class IP IP65 degree of protection NEMA rating I, 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 32 A operational current • at 40 °C / rated value 32 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 1.8 W Current operational current / rated value 32 A operational current at 40 °C / rated value 32 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 IP65 power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.8 W Current operational current / rated value operational current 32 A operational current 32 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 1.8 W Current 32 A operational current 32 A operational current 32 A | Protection class | | |
| 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 1.8 W Current 32 A operational current 32 A operational current 32 A | protection class IP | IP65 | |
| Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 1.8 W Current operational current / rated value 32 A operational current 32 A operational current 32 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 1.8 W Current 0 operational current / rated value 32 A operational current 32 A | protection class IP / on the front | IP65 | |
| hot operating state / per pole Current operational current / rated value 32 A operational current 32 A operational current 32 A | Dissipation | | |
| operational current / rated value 32 A operational current 32 A • at 40 °C / rated value 32 A | | 1.8 W | |
| operational current • at 40 °C / rated value 32 A | Current | | |
| • at 40 °C / rated value 32 A | operational current / rated value | 32 A | |
| | operational current | | |
| • at 45 °C / rated value 32 A | • at 40 °C / rated value | 32 A | |
| | • at 45 °C / rated value | 32 A | |

| a at E0 °C / rated value | 20.4 |
|--|---|
| • at 50 °C / rated value | 32 A |
| • at 55 °C / rated value | 32 A |
| at AC / rated value | 32 A |
| Main circuit | |
| operational current | |
| at AC-21 / at 690 V / rated value | 32 A |
| at AC-21 A / at 240 V / rated value | 32 A |
| at AC-21 A / at 400 V / rated value | 32 A |
| at AC-21 A / at 440 V / rated value | 32 A |
| • at AC-23 A / at 400 V / rated value | 22 A |
| operating power | |
| at AC-23 A / at 240 V / rated value | 6 kW |
| at AC-23 A / at 400 V / rated value | 12 kW |
| at AC-23 A / at 440 V / rated value | 11.5 kW |
| at AC-23 A / at 690 V / rated value | 12 kW |
| at AC-3 / at 240 V / rated value | 5.5 kW |
| • at AC-3 / at 400 V / rated value | 10 kW |
| • at AC-3 / at 690 V / rated value | 9.5 kW |
| Auxiliary circuit | |
| number of CO contacts / for auxiliary contacts | 0 |
| number of NC contacts / for auxiliary contacts | 0 |
| number of NO contacts / for auxiliary contacts | 0 |
| 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 | Yes |
| - oofetu euvitele | No. |
| safety switch | Yes |
| maintenance/repair switch | Yes |
| - | |
| maintenance/repair switch Product details | Yes |
| maintenance/repair switch Product details special product feature | |
| maintenance/repair switch Product details special product feature product feature / can be locked into OFF position | Yes Can be locked in zero position |
| maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories | Yes Can be locked in zero position |
| maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional | Yes Can be locked in zero position Yes |
| maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional o motor drive | Yes Can be locked in zero position |
| maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger | Yes Can be locked in zero position Yes No |
| maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional omtor drive | Yes Can be locked in zero position Yes No No |
| maintenance/repair switch Product details special product feature 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 Can be locked in zero position Yes No No |
| maintenance/repair switch Product details special product feature 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 | Yes Can be locked in zero position Yes No No 2 |
| maintenance/repair switch Product details special product feature 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 | Yes Can be locked in zero position Yes No No 2 |
| maintenance/repair switch Product details special product feature product feature / can be locked into OFF position accessories product extension / optional e motor drive e 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 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 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 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 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 connectable contacts / for auxiliary contacts / attachable / maximum<td>Yes Can be locked in zero position Yes No No 2 4 0</td> | Yes Can be locked in zero position Yes No No 2 4 0 |
| maintenance/repair switch Product details special product feature 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 | Yes Can be locked in zero position Yes No No 2 4 0 3 |
| maintenance/repair switch Product details special product feature 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 Can be locked in zero position Yes No No 2 4 0 |
| maintenance/repair switch Product details special product feature 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 Can be locked in zero position Yes No No 2 4 0 3 |
| maintenance/repair switch Product details special product feature 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 Can be locked in zero position Yes No No 2 4 0 3 |
| maintenance/repair switch Product details special product feature 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 Short circuit conditional short-circuit current / with line-side fuse protection | Yes Can be locked in zero position Yes No No 2 4 0 3 |
| maintenance/repair switch Product details special product feature 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 Short circuit conditional short-circuit current / with line-side fuse protection at 440 V / by gG fuse / rated value | Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm |
| maintenance/repair switch Product details special product feature 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 440 V / by gG fuse / rated value at 690 V / by gG fuse / rated value | Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm |
| maintenance/repair switch Product details special product feature 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 at 690 V / by gG fuse / rated value let-through current / with closed switch at 240 V / for combination switch + gG fuse / | Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm |
| maintenance/repair switch Product details special product feature 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 at 690 V / by gG fuse / rated value | Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm 10 kA 6 kA |
| maintenance/repair switch Product details special product feature 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 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 / | Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm 10 kA 6 kA 4.5 kA |
| maintenance/repair switch Product details special product feature 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 440 V / by gG fuse / rated value 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 440 V / for combination switch + gG fuse / maximum | Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm 10 kA 6 kA 4.5 kA 4.5 kA |
| maintenance/repair switch Product details special product feature 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 440 V / by gG fuse / rated value 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 | Yes Can be locked in zero position Yes No No 2 4 0 3 4 8 mm 10 kA 6 kA 4.5 kA 4.5 kA |

| maximum | |
|---|--|
| at 440 V / for combination switch + gG fuse / | 9 kA2.s |
| maximum | |
| at 690 V / for combination switch + gG fuse / maximum | 9 kA2.s |
| design of the fuse link | |
| for short-circuit protection of the main circuit / required | fuse gL/gG: 40 A |
| for short-circuit protection of the auxiliary switch / required | fuse gL/gG: 10 A |
| operational current / of upstream fuse / rated value | 32 A |
| according UL | |
| operational current / at AC / according to UL 508/UL 60947-4-1 / rated value | 32 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 | 20 |
| active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value | 20 |
| 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 | 6 |
| • minimum | 14 |
| type of connectable conductor cross-sections / for copper | |
| conductor | |
| • solid | 1x (2.5 to 16 mm ²) |
| finely stranded / with core end processing stranded | 1x (2.516 mm²) 1x (2.5 to 16 mm²) |
| type of connectable conductor cross-sections / for | |
| auxiliary contacts | |
| • solid | 2x (0.75 2.5 mm ²), 1x 4 mm ² |
| finely stranded / with core end processing stranded | 2x (0.75 1.5 mm ²), 1x 2.5 mm ² |
| stranded type of electrical connection | 2x (0.75 2.5 mm²), 1x 4 mm² |
| for main current circuit | box terminal |
| for auxiliary contacts | Box terminals |
| Mechanical Design | |
| height | 60 mm |
| width | 36 mm |
| depth | 380 mm |
| type of device | fixed mounting |
| fastening method | Built-in unit fixed-mounted version |
| fastening method | |
| 4-hole front mounting | No |
| front mounting with central attachment | Yes |
| rail mounting | Yes |
| net weight | 300 g |
| Environmental conditions | |
| ambient temperature / during operation minimum | -25 °C |
| • maximum | -25 °C |
| ambient temperature / during storage | |
| minimum | -25 °C |
| • maximum | 55 °C |
| General Product Approval | Declaration of Conformity |
| | |

Confirmation









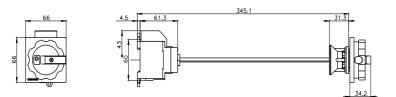
UK CA

other

Miscellaneous

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=3LD3248-0TK53 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD3248-0TK53 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD3248-0TK53 CAx-Online-Generator http://www.siemens.com/cax Tender specifications http://www.siemens.com/specifications



Tuer/ Door/ Porte Puerta/ Porta/ Porta Boden/ Base/ Plancher/ Base/ Pavimento/ Fundo

11.4



