SIEMENS

Data sheet 3LD2003-0TK53



SENTRON, Switch disconnector 3LD, emergency switching-off switch, 3-pole, lu: 16 A, operating power / at AC-23 A 400 V: 7.5 kW, front-mounted, rotary operating mechanism, Red / yellow, 4-hole mounting of the handle

| Model | |
|---|--|
| product brand name | SENTRON |
| product designation | 3LD Switch disconnector |
| design of the product | EMERGENCY-STOP 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 | red |
| design of handle | rotary operating mechanism, red/yellow |
| type of the driving mechanism / motor drive | No |
| General technical data | |
| number of poles | 3 |
| size of switch disconnector | 1 |
| mechanical service life (switching cycles) / typical | 100 000 |
| electrical endurance (switching cycles) | |
| • at AC-23 A / at 690 V | 6 000 |
| operating frequency / maximum | 50 1/h |
| degree of pollution | 3 |
| Voltage | |
| insulation voltage / rated value | 690 V |
| surge voltage resistance / rated value | 6 kV |
| operating voltage | |
| at AC / rated value | 690 V |
| operating frequency / rated value | |
| • 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 | 0.5 W |
| Current | |
| operational current / rated value | 16 A |
| operational current | |
| at 40 °C / rated value | 16 A |
| at 45 °C / rated value | 16 A |

| ### ### ### ### ### ### ### ### ### ## | a at EO °C / rated walve | 16 A |
|--|--|---|
| a At AC / rated value Minh circuit wat AC / 21 / at 690 V / rated value | • at 50 °C / rated value | 16 A |
| Main circuit operational current at AC-21 / at 590 V / rated value at AC-21 / at 590 V / rated value at AC-21 / at 14 00 V / rated value at AC-21 / at 14 00 V / rated value at AC-21 / at 14 00 V / rated value at AC-22 A / at 44 00 V / rated value at AC-23 A / at 40 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-3 A / at 400 V / rated value at AC-3 A / at 400 V / rated value at AC-3 A / at 400 V / rated value at AC-3 at 400 V / rated value at AC-3 at 400 V / rated value at AC-3 at 400 V / rated value 5 SkW at AC-3 / at 400 V / rated value 5 SkW at AC-3 / at 400 V / rated value 5 SkW at AC-3 / at 400 V / rated value 5 SkW Auxillary circuit number of CO contacts / for auxiliary contacts number of CO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts perating values of auxiliary contacts / AC / maximum pontinuous current / of the auxiliary contacts / AC / maximum pontinuous current / of the auxiliary contacts / AC / maximum pontinuous current / of the auxiliary contacts / for auxiliary contacts a main switch a switch disconnector Yes Product deather Product deather and an explain of the formace of the auxiliary contacts / for auxiliary contacts a stateshable in maximum number of connectable NC contacts / for auxiliary contacts a stateshable in maximum number of connectable NC contacts / for auxiliary contacts a stateshable in maximum number of or onectable NC contacts / for auxiliary contacts a stateshable in maximum number of or onectable NC contacts / for auxiliary contacts a stateshable in maximum number of or onectable NC contacts / for auxiliary contacts a stateshable in maximum a state of vivo combination switch + gG fuse / maximum a state of vivo combination switch + gG fuse / maximum a state of vivo combination swit | | |
| operational current at AC-21 A / at 240 V / rated value at AC-21 A / at 240 V / rated value at AC-21 A / at 240 V / rated value at AC-21 A / at 240 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 240 V / rated value at AC-23 A / at 240 V / rated value at AC-23 A / at 240 V / rated value at AC-23 A / at 240 V / rated value at AC-23 A / at 240 V / rated value at AC-23 A / at 240 V / rated value at AC-23 A / at 240 V / rated value at AC-31 at 240 V / rated value be at AC-31 at 240 V / rated value at AC-31 at 240 V / rated value at AC-31 at 240 V / rated value be at AC-31 at 250 V / rated value can AC-31 at 250 V / rated value be at AC-31 at 250 V / rated value can AC-31 at 250 V / rated value be at AC-31 at 250 V / rated value can AC-32 at 30 at 30 V / rated value can AC-32 at 30 at 30 V / rated value can AC-32 at 30 at 30 V / rated value can AC-32 at 30 at 30 V / rated value can AC-32 at 30 at 30 V / rated value can AC-32 at 30 at 30 V / rated value can AC-32 at 30 at 30 V / rated value can AC-32 at 30 at 30 V / rated value can AC-32 at 30 at 30 V / rated value can AC-32 at 30 V / | | 16 A |
| at AC-21 / at 890 V rated value at AC-21 A / at 400 V rated value at AC-21 A / at 400 V rated value at AC-21 A / at 400 V rated value at AC-22 A / at 400 V rated value at AC-23 A / at 240 V rated value at AC-23 A / at 240 V rated value at AC-23 A / at 240 V rated value at AC-23 A / at 400 V rated value at AC-23 A / at 400 V rated value at AC-23 A / at 400 V rated value at AC-23 A / at 400 V rated value at AC-34 A / at 400 V rated value at AC-37 A / at 400 V rated value at AC-37 at 420 V rated value at AC-37 at 420 V rated value at AC-38 / at 400 V rated value at AC-38 / at 600 V rated value at AC-39 at 400 V rated value at AC-39 at 400 V rated value by at AC-37 at 690 V rated value at AC-38 / at 690 V rated value by at AC-38 / at 690 V rated value by at AC-39 at 400 V rated value b | | |
| at AC-21 A / at 240 V / rated value | • | |
| e at AC-21 A / at 400 V / rated value 16 A 16 A 16 A 16 C-21 A / at 400 V / rated value 16 A 16 A 16 A 16 C-21 A / at 400 V / rated value 16 A 16 | | |
| e at AC-21 A / at 440 V / rated value e at AC-23 A / at 400 V / rated value operating power e at AC-23 A / at 400 V / rated value e at AC-23 A / at 400 V / rated value e at AC-23 A / at 400 V / rated value e at AC-23 A / at 400 V / rated value e at AC-23 A / at 400 V / rated value e at AC-3 A / at 400 V / rated value e at AC-3 / at 240 V / rated value e at AC-3 / at 240 V / rated value e at AC-3 / at 240 V / rated value e at AC-3 / at 250 V / rated value e at AC-3 / rated value e | | |
| e at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-3 A / at 400 V / rated value at AC-3 A / at 400 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value bisuliary contents number of CO contacts / for auxiliary contacts number of CO contacts / for auxiliary contacts number of NO contacts / for auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value suitability for use main switch Yes maintenance/repair switch Yes e MERCENCY OFF switch e water data / yes product feature / can be locked into OFF position yes product feature / can be locked into OFF position yes cocossories product extension / optional mumber of connectable NC contacts / for auxiliary contacts / attachable / maximum anumber of connectable NO contacts / for auxiliary contacts / attachable / maximum anumber of connectable NO contacts / for auxiliary contacts / attachable / maximum at 400 V / for combination switch + gG fuse / maximum at 4600 V / for combination switch + gG fuse / maximum at 4600 V / for combination switch + gG fuse / maximum at 4600 V / for combination switch + gG fuse / maximum at 6600 V / for combination switch + gG fuse / maximum at 6600 V / for combination switch + gG fuse / maximum at 6600 V / for combination switch + gG fuse / maximum at 6600 V / for combination at / at 400 V / f | | |
| operating power • at AC-23 A / at 440 V / rated value • at AC-23 A / at 440 V / rated value • at AC-23 A / at 440 V / rated value • at AC-23 A / at 440 V / rated value • at AC-3 A / at 400 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 400 V / rated value • at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value / 10 A / at 400 V / at 4 | | |
| at A C-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-3 / at 430 V / rated value at AC-3 / at 430 V / rated value at AC-3 / at 430 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value author of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts onumber of NC contacts / for auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value wall switch wall switch wall switch vess witch disconnector ves witch disconnector vess witch vess witch | | 16 A |
| at AC-23 A / at 440 V / rated value at AC-23 A / at 460 V / rated value at AC-23 A / at 560 V / rated value at AC-3 / at 260 V / rated value at AC-3 / at 260 V / rated value at AC-3 / at 260 V / rated value at AC-3 / at 400 V / rated value be at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value be at AC-3 / at 690 V / rated value be at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value be at AC-3 / at 690 V / rated value be at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value be at AC-3 / at 690 V / rated value at AC-3 / at 690 V / rated value be at AC-3 / at 690 V / rated value continuous current / of the auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary switch / rated value suitability suitability for use be main switch switch disconnector be MERCENCY OFF switch safety switch be affety switch safety switch maintenance/repair switch Product details product feature / can be locked into OFF position words from a connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum at 800 V / by gG fuse / rated value set 600 V / by gG fuse / rated value at 800 V / by combination switch + gG fuse / maximum at 800 V / for combination switch + gG fuse / maximum at 800 V / for combination switch + gG fuse / maximum at 800 V / for combination switch + gG fuse / maximum at 800 V / for combination switch + gG fuse / maximum at 800 V / for combination switch + gG fuse / maximum at 800 V / for combination switch + gG fuse / maximum at 800 V / for combination switch + gG fuse / maximum at 800 V / for combination switch + gG fuse / maximum at 800 V / for combination switch + gG f | | |
| at AC-23 A at 460 V / rated value at AC-23 A at 690 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value but AC-3 / at 400 V / rated value but AC-3 / at 400 V / rated value but AC-3 / at 400 V / rated value but AC-3 / at 400 V / rated value but AC-3 / at 400 V / rated value but AC-3 / at 400 V / rated value but AC-3 / at 400 V / rated value but AC-3 / at 400 V / rated value but AC-3 / at 400 V / rated value continuous current / of the auxiliary contacts contacts / for auxiliary | | |
| at AC-23 A / at 690 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 400 V / rated value 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 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts 0 operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value 500 V Sultability sultabili | | |
| at AC-3 / at 240 V / rated value at AC-3 / at 800 V / rated value b (at AC-3 / at 800 V / rated value c) 5.5 kW Auxiliary circuit number of NC contacts / for auxiliary contacts number of NC contacts / for auxiliary contact / rated value number of NC contacts / for auxiliary contact / rated value number of NC contacts / for auxiliary contact / rated value number of NC contacts / for auxiliary contact / rated value number of NC contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum // at 480 V / for combination sw | | |
| at AC-3 / at 400 V / rated value 5.5 kW at AC-3 / at 500 V / rated value 5.5 kW Auxiliary critit number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary switch / rated value 10 A insulation voltage / of the auxiliary switch / rated value 500 V Sultability suitability for use | | |
| aut AC-3 / at 690 V / rated value Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage of the auxiliary switch / rated value Sou V Suitability suitability for use • main switch • switch disconnector • seMERGENCY OFF switch • safety switch • maintenance/repair switch • maintenance/repair switch Yes • safety switch • maintenance/repair switch Yes • safety switch • maintenance/repair switch Yes • roduct details product details product feature / can be locked into OFF position • woltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum 1 a | | |
| Auxillary circuit number of CO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / at AC / maximum continuous current / of the auxiliary switch / rated value Sutability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch Product details product feature / can be locked into OFF position accessories product stension / optional • motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum ahasp 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 440 V / for combination switch + gG fuse / maximum • at 440 V / for combination switch + gG fuse / maximum • at 690 V / by gG fuse / rated value • at 440 V / for combination switch + gG fuse / maximum • at 690 V / to combination switch + gG fuse / maximum • at 690 V / by G fuse / rated value • at 440 V / for combination switch + gG fuse / maximum • at 690 V / by G fuse / rated value • 2.5 kA2.s | | |
| number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts operating voltage / of auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value sout the following of the auxiliary switch / rated value sout the following of the auxiliary switch / rated value sout the following of the auxiliary switch / rated value sout the following of the auxiliary switch / rated value sout the following of the auxiliary switch / rated value sout the following of the auxiliary switch / rated value sout the following of the auxiliary switch / rated value sout the following of th | | 5.5 KVV |
| number of NC contacts / for auxiliary contacts number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch Product detaits 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 CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum 1 ahasp thickness / of the bracket locks 1 attachable / maximum 1 ahasp thickness / of the bracket locks 1 attachable / maximum 1 ahasp thickness / of the bracket locks 1 attachable / maximum 1 ahasp thickness / of the ordination switch + gG fuse / maximum 1 attachable / maximum 2 attachable / maximum 3 attach | | |
| number of NO contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contacts / at AC / maximum suitability Suitability suitability for use • main switch • switch disconnector • switch disconnector • seafety switch • safety switch • safety switch • maintenance/repair switch Product dotals 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 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 a tago V / by gG fuse / rated value • at 440 V / for combination switch + gG fuse / maximum • at 440 V / for combination switch + gG fuse / maximum • at 690 V / br G combination switch + gG fuse / maximum • at 690 V / br ocombination switch + gG fuse / maximum • at 690 V / br ocombination switch + gG fuse / maximum • at 690 V / br ocombination switch + gG fuse / maximum • at 690 V / br ocombination switch + gG fuse / maximum • at 690 V / br ocombination switch + gG fuse / maximum • at 690 V / br ocombination switch + gG fuse / maximum • at 690 V / br ocombination switch + gG fuse / maximum • at 690 V / br ocombination switch + gG fuse / maximum • at 690 V / br ocombination switch + gG fuse / maximum • at 690 V / br ocombination switch + gG fuse / maximum permissible 12t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum • 2.5 kA2.s | | |
| operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Suttability suitability suitabi | | |
| continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • safety switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch Product details product deature / 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 NC contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / for auxiliary contacts / attachable / maximum ahasp thickness / of the bracket locks 4 8 mm Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by G 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 • at 480 V / for combination switch + gG fuse / maximum • at 690 V / by combination switch + gG fuse / maximum permissible Izt value / with closed switch / at 240 V / for combination switch + gG fuse / maximum germissible Izt value / with closed switch / at 240 V / for combination switch + gG fuse / maximum germissible Izt value / with closed switch / at 240 V / for combination switch + gG fuse / maximum Izt value / with closed switch / at 240 V / for combination switch + gG fuse / waximum germissible Izt value / with closed switch / at 240 V / for combination switch + gG fuse / waximum germissible | - | |
| insulation voltage / of the auxiliary switch / rated value Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch Product details product feature / can be locked into OFF position **CCCSSOTIOS** product extension / optional • motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of bracket locks / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum number of bracket locks / maximum attachable / maximum safe type / option | | |
| Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch • safety switch • maintenance/repair switch • safety switch • maintenance/repair switch • maintenance/repair switch • safety switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch • yes Product details product details product esture / 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 pracket locks / for auxiliary contacts / attachable / maximum number of pracket locks / for auxiliary contacts / attachable / maximum a hasp thickness / of the bracket locks **A ** ** ** ** ** ** ** ** ** ** ** ** **Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value • 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 440 V / for combination switch + gG fuse / maximum • at 690 V / for combination switch + gG fuse / maximum permissible 121 value / with closed switch / at 240 V / for combination switch + gG fuse / maximum permissible 121 value / with closed switch / at 240 V / for combination 121 value / with closed switch / at 240 V / for combination 121 value / with closed switch / at 240 V / for combination 122 value / with closed switch / at 240 V / for combination | | |
| ■ main switch ■ main switch ■ switch disconnector ■ EMERGENCY OFF switch ■ safety switch ■ maintenance/repair switch ▼ yes ■ maintenance/repair switch ▼ yes 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 NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum a 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 440 V / for combination switch + gG fuse / maximum permissible 221 value / with closed switch / at 240 V / for combination 2.5 kA2.s | insulation voltage / of the auxiliary switch / rated value | 500 V |
| main switch switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Yes maintenance/repair switch Yes maintenance/repair switch Yes Product details product feature / can be locked into OFF position accessories product extension / optional more of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / for auxiliary contacts / attachable / maximum number of bracket locks / maximum shasp thickness / of the bracket locks A = 8 mm Short circuit Conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value 1et-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 at 440 V / for combination switch + gG fuse / maximum at 690 V / for combination switch + gG fuse / maximum permissible Izt value / with closed switch / at 240 V / for combination switch + gG fuse / maximum permissible Izt value / with closed switch / at 440 V / for combination switch / at 440 V | Suitability | |
| switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Product details product feature / can be locked into OFF position **Recessories** 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 NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / for auxiliary contacts / attachable / maximum number of the bracket locks / maximum number of the bracket locks / maximum a tage of the bracket locks **A maximum* **A maximum at 440 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 at 440 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 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 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 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 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 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 | suitability for use | |
| EMERGENCY OFF switch safety switch safety switch yes maintenance/repair switch Yes Product details product feature / can be locked into OFF position accessories product extension / optional motor drive voltage trigger No number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum shasp thickness / of the bracket locks 4 8 mm Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value et 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 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 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 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 at 690 V / for combination switch + gG fuse / maximum at 690 V / for combination switch + gG fuse / scales at 690 V / for combination switch + gG fuse / scales at 690 V / for combination switch + gG fuse / scales at 690 V / for combination switch + gG fuse / scales at 690 V / for combination switch + gG fuse / scales at 690 V / for combination switch + gG fuse / scales at 690 V / for combination switch + gG fuse / scales at 690 V / for combination switch + gG fuse / scales at 690 V / for combination switch + gG fuse / scales at 690 V / for combinat | main switch | Yes |
| safety switch maintenance/repair switch Yes 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 NC 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 shasp 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 440 V / for combination switch + gG fuse / maximum at 440 V / for combination switch + gG fuse / maximum at 4590 V / for combination switch + gG fuse / maximum at 440 V / for combination switch + gG fuse / maximum permissible let value / with closed switch / at 240 V / for combination switch + gG fuse / maximum let value / with closed switch / at 440 V / for combination 2.5 kA2.s | switch disconnector | Yes |
| maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional | EMEDOENOV CEE " ! | |
| 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 a 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 1et-through current / with closed switch • at 240 V / for combination switch + gG fuse / maximum • at 490 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 • 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 permissible 12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 240 V / for combination 2.5 kA2.s | EMERGENCY OFF switch | Yes |
| 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 NC 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 shasp thickness / of the bracket locks 4 8 mm 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 • 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 • at 690 V / for combination switch + gG fuse / maximum • at 690 V / for combination switch + gG fuse / maximum • at 690 V / for combination switch / at 240 V / for combination switch + gG fuse / maximum • at 690 V / for combination switch / at 240 V / for combination switch + gG fuse / maximum 2.5 kA2.s | | |
| 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 shasp 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 permissible l2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum l2t value / with closed switch / at 440 V / for combination l2t value / with closed switch / at 440 V / for combination l2t value / with closed switch / at 440 V / for combination l2t value / with closed switch / at 440 V / for combination l2t value / with closed switch / at 440 V / for combination l2t value / with closed switch / at 440 V / for combination l2t value / with closed switch / at 440 V / for combination l2t value / with closed switch / at 440 V / for combination l2t value / with closed switch / at 440 V / for combination l2t value / with closed switch / at 440 V / for combination l2t value / with closed switch / at 440 V / for combination l2t value / with closed switch / at 440 V / for combination l2t value / with closed switch / at 440 V / for combination | safety switch | Yes |
| 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 / for auxiliary contacts / attachable / maximum number of bracket locks / maximum a 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 • at 690 V / for combination switch + gG fuse / maximum permissible l2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum l2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum l2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum l2t value / with closed switch / at 440 V / for combination 2.5 kA2.s | safety switchmaintenance/repair switch | Yes |
| 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 shasp thickness / of the bracket locks 4 8 mm 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 permissible l2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum l2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum l2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum l2t value / with closed switch / at 440 V / for combination 2.5 kA2.s | safety switchmaintenance/repair switchProduct details | Yes Yes |
| 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 shasp 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 permissible l2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum l2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum l2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum l2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum l2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum l2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum l2t value / with closed switch / at 440 V / for combination l2t value / with closed switch / at 440 V / for combination | safety switch maintenance/repair switch Product details product feature / can be locked into OFF position | Yes Yes |
| 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 a 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 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 permissible 12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 440 V / for combination 2.5 kA2.s | safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories | Yes Yes |
| number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / for auxiliary contacts / attachable / maximum number of bracket locks / maximum 3 hasp thickness / of the bracket locks 4 8 mm Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value 50 kA let-through current / with closed switch • at 240 V / for combination switch + gG fuse / maximum • at 440 V / for combination switch + gG fuse / 3 kA maximum • at 690 V / for combination switch + gG fuse / 3 kA maximum • at 440 V / for combination switch + gG fuse / 3 kA maximum permissible 12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum permissible 12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum Paximum Pa | safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional | Yes Yes Yes |
| 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 / 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 permissible 12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 440 V / for combination 12t value / with closed switch / at 440 V / for combination 12t value / with closed switch / at 440 V / for combination 12t value / with closed switch / at 440 V / for combination 12t value / with closed switch / at 440 V / for combination 12t value / with closed switch / at 440 V / for combination 12t value / with closed switch / at 440 V / for combination | safety switch maintenance/repair switch Product details product feature / can be locked into OFF position accessories product extension / optional motor drive | Yes Yes Yes No |
| number of bracket locks / maximum hasp thickness / of the bracket locks 4 8 mm 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 permissible I2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum I2t value / with closed switch / at 440 V / for combination I2t value / with closed switch / at 440 V / for combination I2t value / with closed switch / at 440 V / for combination I2t value / with closed switch / at 440 V / for combination I2t value / with closed switch / at 440 V / for combination I2t value / with closed switch / at 440 V / for combination I2t value / with closed switch / at 440 V / for combination I2t value / with closed switch / at 440 V / for combination I2t value / with closed switch / at 440 V / for combination | 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 |
| 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 permissible 12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 440 V / for combination 12t value / with closed switch / at 440 V / for combination 2.5 kA2.s | 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 No 3 |
| 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 permissible 12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 440 V / for combination 12t value / with closed switch / at 440 V / for combination 2.5 kA2.s | 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 | Yes Yes Yes No No No 3 |
| 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 permissible 12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 440 V / for combination 12t value / with closed switch / at 440 V / for combination 2.5 kA2.s | 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 No No No 3 3 |
| 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 permissible l2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum l2t value / with closed switch / at 440 V / for combination l2t value / with closed switch / at 440 V / for combination 2.5 kA2.s | 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 No No No 3 3 0 |
| 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 permissible 12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 440 V / for combination 12t value / with closed switch / at 440 V / for combination 2.5 kA2.s | 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 No 3 3 0 |
| 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 permissible I2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum I2t value / with closed switch / at 440 V / for combination I2t value / with closed switch / at 440 V / for combination I2t value / with closed switch / at 440 V / for combination I2t value / with closed switch / at 440 V / for combination I2t value / with closed switch / at 440 V / for combination I2t value / with closed switch / at 440 V / for combination | 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 Short circuit conditional short-circuit current / with line-side fuse | Yes Yes No No No 3 3 4 8 mm |
| maximum • at 440 V / for combination switch + gG fuse / maximum • at 690 V / for combination switch + gG fuse / maximum permissible 12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 440 V / for combination 2.5 kA2.s | 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 Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value | Yes Yes No No No 3 3 4 8 mm |
| maximum • at 690 V / for combination switch + gG fuse / maximum permissible 12t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 440 V / for combination 2.5 kA2.s | 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 Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value | Yes Yes No No No 3 3 4 8 mm |
| maximum permissible I2t value / with closed switch / at 240 V / for combination switch + gG fuse / maximum I2t value / with closed switch / at 440 V / for combination 2.5 kA2.s 2.5 kA2.s | 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 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 No 3 3 4 8 mm |
| switch + gG fuse / maximum 12t value / with closed switch / at 440 V / for combination 2.5 kA2.s | 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 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 / | Yes Yes No No No 3 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 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 at 690 V / for combination switch + gG fuse / maximum at 690 V / for combination switch + gG fuse / | Yes Yes No No No 3 3 4 8 mm |
| switch + gG fuse / maximum | 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 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 permissible 12t value / with closed switch / at 240 V / for combination | Yes Yes No No No 3 3 0 3 4 8 mm 50 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 (16mm²) |
| type of connectable conductor cross-sections / for auxiliary contacts | |
| • solid | lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) |
| • finely stranded / with core end processing | lateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm²; front auxiliary switch 1x 2,5mm² |
| • stranded | lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²) |
| 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 | 203 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 | |
| | |



Confirmation







<u>Miscellaneous</u>

General Product Approval

Declaration of Conformity

Test Certificates

Marine / Shipping







Special Test Certificate





other

Environmental Confirmations

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=3LD2003-0TK53

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2003-0TK53

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2003-0TK53

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications











