## **SIEMENS**

Data sheet 3LD5010-0TK13



SENTRON, Molded case switch 3LD5 UL, Emergency switching-off, 3-pole, certified according to UL489 UL60947-4-1 and IEC60947-3, UL: 30A, SCCR 50kA at 480VAC, Operating power at 480VAC 3-phase: 20hp, IEC: 32A, Operating power at AC-23A at 400V: 15kW, floor mounting with door coupling rotary operating mechanism, defeatable, emergency switching 4-hole mounting of the handle, without tolerance compensation, incl. terminal covers for the infeed side

Model		
product brand name	SENTRON	
product designation	3LD UL switch disconnector	
design of the product	EMERGENCY-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	door-coupling rotary operating mechanism	
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	
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	4.5 W	
Current		
operational current / rated value	32 A	
operational current		
<ul> <li>at 40 °C / rated value</li> </ul>	32 A	
<ul> <li>at 45 °C / rated value</li> </ul>	32 A	
<ul> <li>at 50 °C / rated value</li> </ul>	32 A	
<ul> <li>at 55 °C / rated value</li> </ul>	32 A	
<ul><li>at AC / rated value</li></ul>	32 A	
Main circuit		
operational current		

e at AC-21 A / at 40 V / rated value at AC-22 A / at 44 V V / rated value at AC-23 A / at 44 V 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-37 at 240 V / rated value at AC-37 at 240 V / rated value at AC-37 at 250 V / rated value at AC-37 at 4500 V / rated value at AC-37 at 4500 V / rated value at AC-37 at 500 V / r	<ul><li>at AC-21 / at 690 V / rated value</li></ul>	32 A
e at AC-23 A / at 400 V rated value operating power of AC-23 A / at 200 V rated value of AC-23 A / at 200 V rated value of AC-23 A / at 200 V rated value of AC-23 A / at 400 V rated value of AC-23 A / at 400 V rated value of AC-23 A / at 400 V rated value of AC-23 A / at 400 V rated value of AC-23 A / at 400 V rated value of AC-23 A / at 400 V rated value of AC-23 A / at 400 V rated value of AC-23 A / at 500 V	<ul><li>at AC-21 A / at 240 V / rated value</li></ul>	32 A
e at AC-23 A / at 400 V / rated value operating power  at AC-23 A / at 240 V / rated value at AC-23 A / at 240 V / rated value 15 kW  at AC-37 at 240 V / rated value 5 kW  at AC-37 at 240 V / rated value 15 kW  at AC-37 at 240 V / rated value 15 kW  at AC-37 at 260 V / rated value 15 kW  at AC-37 at 260 V / rated value 15 kW  at AC-37 at 260 V / rated value 5 kW  at AC-37 at 860 V / rated value 15 kW  at AC-37 at 860 V / rated value 5 kW  at AC-37 at 860 V / rated value 15 kW  at AC-37 at 860 V / rated value 5 kW  at AC-37 at 860 V / rated value 5 kW  at AC-37 at 860 V / rated value  at 860 V / rated v	<ul><li>at AC-21 A / at 400 V / rated value</li></ul>	32 A
coperating power  at AC-33 A / at 440 V / rated value at AC-33 A / at 440 V / rated value 15 kW at AC-33 A / at 460 V / rated value 15 kW at AC-31 A / at 690 V / rated value 15 kW at AC-31 / at 690 V / rated value 15 kW at AC-31 / at 690 V / rated value 15 kW Auxiliary circuit number of CO contacts / for auxiliary contacts 10 number of NC contacts / for auxiliary contacts 10 number of NC contacts / for auxiliary contacts 10 number of NC contacts / for auxiliary contacts 10 number of NC contacts / for auxiliary contacts 10 number of NC contacts / for auxiliary contacts 10 number of NC contacts / for auxiliary contacts 10 number of NC contacts / for auxiliary contacts 10 number of NC contacts / for auxiliary contacts 10 number of NC contacts / for auxiliary contacts 10 number of NC contacts / for auxiliary contacts 10 number of NC contacts / for auxiliary contacts 10 number of NC contacts / for auxiliary contacts 10 number of NC contacts / for auxiliary contacts 10 number of NC contacts / for auxiliary contacts 10 number of NC contacts / for auxiliary contacts 10 number of contacts / for auxiliary contacts 11 number of contacts / for auxiliary contacts 12 number of contacts / for auxiliary contacts 13 number of contacts / for auxiliary contacts 14 number of contacts / for auxiliary contacts 15 number of contacts / for aux	<ul><li>at AC-21 A / at 440 V / rated value</li></ul>	32 A
at AC-23 A / at 440 V / rated value at AC-23 A / at 480 V / rated value at AC-3 A / at 480 V / rated value at AC-3 / at 280 V / rated value 5 kW at AC-3 / at 280 V / rated value 5 kW  Auxiliary protect number of CO contacts for auxiliary contacts number of CO contacts for auxiliary contacts number of NO contacts for auxiliary contacts 0 number of NO contacts for auxiliary contact for auxiliary contacts 0 number of NO contacts for auxiliary contacts 1 attachable / maximum 1 number of nonectable NC contacts / for auxiliary contacts 2 attachable / maximum 1 number of nonectable NC contacts / for auxiliary contacts 2 attachable / maximum 1 number of nonectable NC contacts / for auxiliary contacts 2 attachable / maximum 1 number of nonectable NC contacts / for auxiliary contacts 2 attachable / maximum 1 number of nonectable NC contacts / for auxiliary contacts 2 attachable / maximum 1 at 300 V / by gG luse / rated value 1 at 440 V / by gG luse / rated value 1 at 440 V / by GG luse / rated value 1 at 440 V / by GG luse / rated value 1 at 440 V / for combination switch + gG luse / maximum 1 at 440 V / for combination switch + gG luse / maximum 1 at 440 V / for combination switch + gG luse / maximum 1 at 440 V / for combination switch + gG luse / maximum 1 at 440 V / for combination switch + gG luse / maximum 1 at 440 V / for combination switch + gG luse / maximum 1 at 440 V / for combination switch + g	<ul><li>at AC-23 A / at 400 V / rated value</li></ul>	32 A
at AC-23 A / at 440 V / rated value at AC-23 A / at 480 V / rated value at AC-3 A / at 480 V / rated value at AC-3 / at 280 V / rated value 5 kW at AC-3 / at 280 V / rated value 5 kW  Auxiliary protect number of CO contacts for auxiliary contacts number of CO contacts for auxiliary contacts number of NO contacts for auxiliary contacts 0 number of NO contacts for auxiliary contact for auxiliary contacts 0 number of NO contacts for auxiliary contacts 1 attachable / maximum 1 number of nonectable NC contacts / for auxiliary contacts 2 attachable / maximum 1 number of nonectable NC contacts / for auxiliary contacts 2 attachable / maximum 1 number of nonectable NC contacts / for auxiliary contacts 2 attachable / maximum 1 number of nonectable NC contacts / for auxiliary contacts 2 attachable / maximum 1 number of nonectable NC contacts / for auxiliary contacts 2 attachable / maximum 1 at 300 V / by gG luse / rated value 1 at 440 V / by gG luse / rated value 1 at 440 V / by GG luse / rated value 1 at 440 V / by GG luse / rated value 1 at 440 V / for combination switch + gG luse / maximum 1 at 440 V / for combination switch + gG luse / maximum 1 at 440 V / for combination switch + gG luse / maximum 1 at 440 V / for combination switch + gG luse / maximum 1 at 440 V / for combination switch + gG luse / maximum 1 at 440 V / for combination switch + gG luse / maximum 1 at 440 V / for combination switch + g	operating power	
at AC-37 at 400 V rated value at AC-3 rat 400 V rated value 15 kW  at AC-3 rat 400 V rated value 15 kW  at AC-3 rat 400 V rated value 15 kW  at AC-3 rat 400 V rated value 15 kW  at AC-3 rat 400 V rated value  at AC-3 rat 400 V rated value  building record  number of CO contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 operating voltage of auxiliary contact of at AC-1 maximum continuous current of the auxiliary contact of at AC-1 maximum ocntinuous current of the auxiliary contact of at AC-1 maximum ocntinuous current of the auxiliary contact of at AC-1 maximum suitability for use  amin switch yes amin switch yes aside switch yes		7.5 kW
e at AC-3/ at 400 V/ rated value e at AC-3/ at 400 V/ rated value 15 kW  st AC-3/ at 400 V/ rated value 15 kW  Auxiliary circuit number of Coontacts / 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 10 continuous current / of the auxiliary contact / rated value continuous current / of the auxiliary switch / rated value suitability suitability for use e main switch e witch disconnector e MERECRECY OFF switch e safety switch e maintenance/repair switch Yes safety switch e maintenance/repair switch Yes  Product defails special product feature product leature / can be locked into OFF position  **Cocasionics**  **Contacts / for auxiliary contacts / attachable / naximum e voltage trigger  **No  **Unitability of the auxiliary contacts / attachable / naximum e of comectable NC contacts / for auxiliary contacts / attachable / naximum  **Immber of comectable NC contacts / for auxiliary contacts / attachable / naximum  **Immber of comectable NC contacts / for auxiliary contacts / attachable / naximum  **Immber of comectable NC contacts / for auxiliary contacts / attachable / naximum  **Immber of comectable NC contacts / for auxiliary contacts / attachable / naximum  **Immber of comectable NC contacts / for auxiliary contacts / attachable / naximum  **Immber of oromectable NC contacts / for auxiliary contacts / attachable / naximum  **Immber of oromectable NC contacts / for auxiliary contacts / attachable / naximum  **Immber of oromectable NC contacts / for auxiliary contacts / attachable / naximum  **Immumer of comectable NC contacts / for auxiliary contacts / attachable / naximum  **Immumer of comectable NC contacts / for auxiliary contacts / attachable / naximum  **Immumer of comectable NC contacts / for auxiliary contacts / attachable / naximum  **Immumer of comectable NC contacts / for auxiliary contacts / attachable / naximum  **Immumer of comectable NC contacts / for auxiliary contacts / attachable /		15 kW
e at AC-3 / at 409 V / rated value 15 kW 15 kW 2 at AC-3 / at 690 V / rated value 15 kW 2 starting regret 10 mumber of CO contacts / for auxiliary contacts 0 mumber of NC contacts / for auxiliary contacts 0 mumber of NC contacts / for auxiliary contacts 0 mumber of NC contacts / for auxiliary contacts 0 mumber of NC contacts / for auxiliary contacts 0 mumber of NC contacts / for auxiliary contact / rated value insulation voitage / of the auxiliary switch / rated value insulation voitage / of the auxiliary switch / rated value insulation voitage / of the auxiliary switch / rated value 2 south insulation voitage / of the auxiliary switch / rated value 2 suitability for use	<ul> <li>at AC-23 A / at 690 V / rated value</li> </ul>	19 kW
a tAC-3 / at 680 V / rated value  Auxiliary circuit  number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value  suriability  suriability  suriability  suriability for use  main switch  switch disconnector  switch disconnector  switch disconnector  switch disconnector  safety switch  safety switch  maintenancerepair switch  Product details  special product feature product feature / can be locked into OFF position sccssories  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 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 pracket locks / maximum  at 480 V / by gG fuse / rated value at 480 V / br combination switch + gG fuse / maximum at 480 V / br combination switch + gG fuse / maximum et at 680 V / br combination switch + gG fuse / maximum design of the tuse link of short-circuit protection of the main circuit / required of short-circuit protection of the main circuit / required of short-circuit protection of the auxiliary switch / fuse gLigG: 10 A	<ul><li>at AC-3 / at 240 V / rated value</li></ul>	7.5 kW
Auxillary circuit number 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 operating voltage / of auxiliary contact / rated value insulation voltage / of the auxiliary contact / rated value situability suitability suitability suitability suitability for use main switch switch disconnector EMERGENCY OFF switch Safety s	<ul><li>at AC-3 / at 400 V / rated value</li></ul>	15 kW
number of CC contacts / for auxiliary contacts number of NC 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 contact / at AC / maximum continuous current / of the auxiliary contact / at AC / maximum sultability for use  • main switch • switch disconnector • EMERGENCY OFF switch • switch disconnector • Safety switch • switch disconnector • Safety switch • safety switch • safety switch • maintenance/repair switch • real renance/repair switch • rea	<ul><li>at AC-3 / at 690 V / rated value</li></ul>	15 kW
number of CC contacts / for auxiliary contacts number of NC 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 contact / at AC / maximum continuous current / of the auxiliary contact / at AC / maximum sultability for use  • main switch • switch disconnector • EMERGENCY OFF switch • switch disconnector • Safety switch • switch disconnector • Safety switch • safety switch • safety switch • maintenance/repair switch • real renance/repair switch • rea	Auxiliary circuit	
number of NC 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 contact / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value son V Sultability sullability sullability sullability for use		0
number of NC contacts / for auxiliary contacts of at AC / maximum sono v 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 • safety switch • maintenanco/repair switch • 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  hasp thickness / of the bracket locks / maximum  hasp thickness / of the bracket locks / maximum  hasp thickness / of the bracket locks / maximum  at 440 V / by gG fuse / rated value • at 690 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 680 V / for combination switch + gG fuse / maximum  at 680 V / for combination switch + gG fuse / maximum  at 680 V / for combination switch + gG fuse / maximum  design of the fuse link • for short-circuit protection of the main circuit / required • for short-circuit protection of the main circuit / required • for short-circuit protection of the main circuit / requ		
operating voltage / of the auxiliary contact / at AC / maximum continuous current / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value  Sultability suitability for use  • main switch • switch disconnector • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • safety switch  Product details special product feature product feature product feature / can be locked into OFF position • voltage trigger  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 1 hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse proflection • at 440 V / by gG fuse / rated value let-through current / with closed switch • at 240 V / for combination switch + gG fuse / maximum • at 690 V / for combination switch + gG fuse / maximum permissible let-through current / with closed switch • at 240 V / for combination switch + gG fuse / maximum permissible let-through current / with closed switch • at 240 V / for combination switch + gG fuse / maximum permissible let-through current / with closed switch • at 240 V / for combination switch + gG fuse / maximum permissible let-through current / with closed switch • at 240 V / for combination switch + gG fuse / maximum permissible let-through current / with closed switch • at 240 V / for combination switch + gG fuse / maximum permissible let-through current / with closed switch / at 440 V / for combination switch + gG fuse / maximum  design of the fuse link • for short-circuit protection of the maximum  design of the fuse link • for short-circuit protection of the maximum  design of the fuse link • for short-circuit protection of the auxiliary switch / • fuse fuse fuse fuse fuse fuse fuse fuse		
continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value  500 V  Suitability suitability for use  • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch • respected teature • product details  special product feature / can be locked into OFF position  ***occessories**  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 / reaximum  number of bracket locks / reaximum  1		
insulation voltage / of the auxiliary switch / rated value  Suitability  suitability for use  • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch  Product details special product feature product feature product feature / can be locked into OFF position  special product feature / can be locked into OFF position  **Total product details  special product feature / can be locked into OFF position  **Total product details  special product feature / can be locked into OFF position  **Total product devension / optional • motor drive • voltage trigger  **No  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 CO contacts / for auxiliary contacts / attachable / maximum number of onnectable CO contacts / for auxiliary contacts / attachable / maximum  number of onnectable CO contacts / for auxiliary contacts / attachable / maximum  1 hasp thickness / of the bracket locks  **Attachable / maximum  conditional short-circuit current / with line-side fuse protection • at 440 V / by g G fuse / rated value • at 480 V / by g G fuse / rated value • 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  etchnough izt value / with closed switch / at 440 V / for combination switch + gG fuse / maximum  design of the fuse link • for short-circuit protection of the auxiliary switch / fuse gLigG: 10 A		
Suitability suitability for use  • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • respect to product feature  product details special product feature product setansion / 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 consectable NC contacts / for auxiliary contacts / attachable / maximum number of consectable 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  1		
suitability for use  • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch • safety switch • maintenance/repair switch • safety switch • maintenance/repair switch • product details special product feature product feature / can be locked into OFF position  ***ccessories**  **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 tracket locks / for auxiliary contacts / attachable / maximum  number of tracket locks / for auxiliary contacts / attachable / maximum  1 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 • at 690 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  • for short-circuit protection of the main circuit / required • for short-circuit protection of the main circuit / required • for short-circuit protection of the auxiliary switch / for seg L/gG: 10 A		000 V
* main switch     * switch disconnector     * EMERGENCY OFF switch     * safety switch     * safety switch     * naintenance/repair switch     * maintenance/repair switch     * yes     * maintenance/repair switch     * yes     * product details     special product feature     product feature / can be locked into OFF position     * accessories     * accessories     * product extension / optional     * motor drive     * voltage trigger     No     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     nab ptickness / of the bracket locks     * 4 6 mm  Short circuit     conditional short-circuit current / with line-side fuse protection     * at 440 V / by gG fuse / rated value     * at 890 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 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     *		
■ switch disconnector  ■ EMERGENCY OFF switch  ■ safety switch  ■ maintenance/repair switch  Product details  Special product feature  product feature / can be locked into OFF position  Special product feature / can be locked into OFF position  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 connectable CO contacts / for auxiliary contacts / attachable / maximum  number of bracket locks / maximum  number of bracket locks / maximum  hasp trickness / 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  ■ 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 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 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 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 / ma	,	Voc
EMERGENCY OFF switch  asafety switch  maintenance/repair switch  Product details  special product feature product feature / can be locked into OFF position  secessories  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 transcert locks / maximum  number of bracket locks / maximum  number of bracket locks / maximum  number of bracket locks / maximum  1 hasp thickness / of the bracket locks   4 6 mm  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  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 permissible  let-through 21 value / with closed switch / at 440 V / for combination switch + gG fuse / maximum permissible  let-through 21 value / with closed switch / at 440 V / for combination switch + gG fuse / maximum permissible  let-through 21 value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  21 kA2.s  let-through 21 value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  22 kA2.s  let-through 21 value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  at 600 V / for combination switch + gG fuse / maximum  at 600 V / for combination switch + gG fuse / maximum  at 600 V / for combination switch + gG fuse / maximum  at 600 V / for combination switch + gG fuse / maximum  at 600 V / for combination switch + gG fuse / maximum  belief-through 21 value / wit		
Safety switch  Indicated the switch  Indicated the safety switch  Indicated the switch  Indicated the safety switch  Indicated the switch switch  Indicated the		
maintenance/repair switch     Yes  Product detalls  special 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 NO contacts / for auxiliary contacts     / attachable / maximum  number of bracket locks / maximum  number of bracket locks / for auxiliary contacts     / attachable / maximum  number of bracket locks / for auxiliary contacts     / attachable / maximum  number of bracket locks / for auxiliary contacts     / attachable / maximum  number of bracket locks / for auxiliary contacts     / attachable / maximum  1 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  • at 240 V / for combination switch  • at 240 V / for combination 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 690 V / by (suse / rated value / suse / maximum  21 value / with closed switch / at 440 V / for combination switch + gG fuse / maximum    22 value / with closed switch / at 690 V / for combination switch + gG fuse / maximum    24 value / with closed switch / at 690 V / for combination switch + gG fuse / maximum    25 value / with closed switch / at 690 V / for combination switch + gG fuse / maximum    25 value / with closed switch / at 690 V / for combination switch + gG fuse / maximum    25 value / with closed switch / at 690 V / for combination switch + gG fuse / maximum    26 value / with closed switch / at 690 V / for combination switch + gG fuse / maximum    27 value / with closed switch / at 690 V / for combination switch + gG fuse / maximum    4 value / with closed switch /		
product details  special product feature / can be locked into OFF position 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 connectable CO contacts / for auxiliary contacts / attachable / maximum  number of bracket locks / for auxiliary contacts / attachable / maximum  number of bracket locks / for auxiliary contacts / attachable / maximum  number of bracket locks / for auxiliary contacts / attachable / maximum  1 hasp thickness / of the bracket locks 4 6 mm  Short circuit  conditional short-circuit current / with line-side fuse protection  • at 440 V / by G 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 / maximum  • at 440 V / for combination switch + gG fuse / maximum  • at 440 V / for combination switch + gG fuse / maximum  • at 800 V / for combination switch + gG fuse / maximum  212 Value / with closed switch / at 440 V / for combination switch + gG fuse / maximum  224 Value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  design of the fuse link  • for short-circuit protection of the main circuit / required  • for short-circuit protection of the auxiliary switch / fuse gL/gG: 10 A		
special 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 foracket locks / for auxiliary contacts / attachable / maximum number of bracket locks / for auxiliary contacts / attachable / maximum number of bracket locks / for auxiliary contacts / attachable / maximum number of bracket locks / for auxiliary contacts / attachable / maximum number of bracket locks / for auxiliary contacts / attachable / maximum number of bracket locks / for auxiliary contacts / attachable / maximum  1 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 • 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 890 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum 12t value / with closed switch / at 690 V / for comb		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 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 bracket locks / maximum  1 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 GS fuse / rated value 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 permissible  12 kA2.s  12 kA2.s  12 kA2.s  Tuse gG: 40 A  Fuse gG: 40 A  Fuse gG: 40 A  fuse gL/gG: 10 A	Product details	
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  1 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 • 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 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  • for short-circuit protection of the main circuit / required  • for short-circuit protection of the auxiliary switch / fuse gL/gG: 10 A		defeatable door-coupling handle
product extension / optional	product feature / can be locked into OFF position	Yes
woltage 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     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     elet-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 / at 690 V / for combination switch + gG fuse / maximum      • for short-circuit protection of the main circuit / required     • for short-circuit protection of the auxiliary switch / fuse gL/gG: 10 A	accessories	
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     1     hasp thickness / of the bracket locks	doccoonico	
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  1 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  • 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 / function switch + gG fuse / maximum  • at 440 V / for combination switch + gG fuse / function switch + gG fuse / maximum  12t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum  design of the fuse link  • for short-circuit protection of the main circuit / required  • for short-circuit protection of the auxiliary switch / fuse gL/gG: 10 A		
Attachable / maximum   number of connectable NO contacts / for auxiliary contacts / attachable / maximum   number of connectable CO contacts / for auxiliary contacts   number of connectable CO contacts / for auxiliary contacts   number of bracket locks / maximum   number of bracket locks / maximum   1   hasp thickness / of the bracket locks   4 6 mm   Short circuit   Conditional short-circuit current / with line-side fuse protection   at 440 V / by gG fuse / rated value   50 kA   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 / maximum   at 690 V / for combination switch + gG fuse / maximum permissible   let-through	product extension / optional	No
/ 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 • at 690 V / for combination switch + gG fuse / maximum • at 690 V / for combination switch / at 440 V / for combination switch + gG fuse / maximum permissible  let-through 12t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum  l2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  design of the fuse link • for short-circuit protection of the main circuit / required • for short-circuit protection of the auxiliary switch /  fuse gL/gG: 10 A	product extension / optional  • motor drive	
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  10 kA  • 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 440 V / for combination switch + gG fuse / maximum  • at 690 V / for combination switch + gG fuse / maximum permissible  let-through l2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum permissible  let-through l2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum  l2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  design of the fuse link  • for short-circuit protection of the main circuit / required  • for short-circuit protection of the auxiliary switch / fuse gL/gG: 10 A	product extension / optional	No
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 / fus	product extension / optional	No 3
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 • at 690 V / for combination switch + gG fuse / maximum permissible  let-through l2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum l2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  l2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  design of the fuse link • for short-circuit protection of the main circuit / required • for short-circuit protection of the auxiliary switch / fuse gL/gG: 10 A	product extension / optional	No 3 5
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 permissible  let-through I2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum permissible  let-through I2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum  12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  design of the fuse link • for short-circuit protection of the main circuit / required • for short-circuit protection of the auxiliary switch / fuse gL/gG: 10 A	product extension / optional	No 3 5 0
protection  • at 440 V / by gG fuse / rated value  • at 690 V / by gG fuse / rated value  10 tet-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  10 tet-through 12t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum  12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  12t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum switch +	product extension / optional	No 3 5 0 1
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  let-through I2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum  I2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  let value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  I2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  design of the fuse link  for short-circuit protection of the main circuit / required  for short-circuit protection of the auxiliary switch / fuse gL/gG: 10 A	product extension / optional	No 3 5 0 1
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  let-through I2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum  I2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  I2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  design of the fuse link  • for short-circuit protection of the main circuit / required  • for short-circuit protection of the auxiliary switch / fuse gL/gG: 10 A	product extension / optional	No 3 5 0 1
<ul> <li>at 240 V / for combination switch + gG fuse / maximum</li> <li>at 440 V / for combination switch + gG fuse / maximum</li> <li>at 690 V / for combination switch + gG fuse / maximum permissible</li> <li>let-through l2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum</li> <li>l2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum</li> <li>l2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum</li> <li>design of the fuse link</li> <li>for short-circuit protection of the main circuit / required</li> <li>for short-circuit protection of the auxiliary switch / fuse gL/gG: 10 A</li> </ul>	product extension / optional	No 3 5 0 1 4 6 mm
maximum  • at 440 V / for combination switch + gG fuse / maximum  • at 690 V / for combination switch + gG fuse / maximum permissible  let-through I2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum  I2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  I2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  design of the fuse link  • for short-circuit protection of the main circuit / required  • for short-circuit protection of the auxiliary switch / fuse gL/gG: 10 A	product extension / optional	No 3 5 0 1 4 6 mm
maximum  • at 690 V / for combination switch + gG fuse / maximum permissible  let-through l2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum  l2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  l2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  design of the fuse link • for short-circuit protection of the main circuit / required • for short-circuit protection of the auxiliary switch /  fuse gL/gG: 10 A	product extension / optional	No 3 5 0 1 4 6 mm
maximum permissible  let-through I2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum  I2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  design of the fuse link  • for short-circuit protection of the main circuit / required  • for short-circuit protection of the auxiliary switch /  fuse gL/gG: 10 A	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	No 3 5 0 1 4 6 mm  50 kA 50 kA
combination switch + gG fuse / maximum  I2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum  design of the fuse link  • for short-circuit protection of the main circuit / required  • for short-circuit protection of the auxiliary switch / fuse gL/gG: 10 A	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 440 V / by gG fuse / rated value  e 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 /	No 3 5 0 1 4 6 mm  50 kA 50 kA
switch + gG fuse / maximum  design of the fuse link  • for short-circuit protection of the main circuit / required  • for short-circuit protection of the auxiliary switch / fuse gL/gG: 10 A	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 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 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	No 3 5 0 1 4 6 mm  50 kA 50 kA 6 kA
<ul> <li>for short-circuit protection of the main circuit / required</li> <li>for short-circuit protection of the auxiliary switch / fuse gL/gG: 10 A</li> </ul>	product extension / optional	No 3 5 0 1 4 6 mm  50 kA 50 kA 6 kA 6 kA
required  • for short-circuit protection of the auxiliary switch / fuse gL/gG: 10 A	product extension / optional	No 3 5 0 1 4 6 mm  50 kA 50 kA 6 kA 6 kA 6 kA 12 kA2.s
	product extension / optional	No 3 5 0 1 4 6 mm  50 kA 50 kA 6 kA 6 kA 6 kA 12 kA2.s
	product extension / optional	No 3 5 0 1 4 6 mm  50 kA 50 kA 6 kA 6 kA 12 kA2.s

operational current / of upstream fuse / rated value	40 A
according UL	
operational current / at AC / according to UL 489/UL	30 A
60947-4-1 / rated value	3071
operational current / at AC / according to UL 508/UL 60947-4-1 / rated value	30 A
operating voltage / at AC / at 50/60 Hz / according to UL 489 / rated value	480 V
operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value	480 V
active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value	20
short-time withstand current (SCCR) / at 480 V / according to UL 508/UL 60947-4-1 and UL 489	50 kA
continuous current / of upstream fuse / according to UL / rated value	30 A
type of fuse / according to UL	Class CC, J
Connections	
AWG number / as coded connectable conductor cross section / solid	
• maximum	6
• minimum	14
AWG number / as coded connectable conductor cross section / solid / according to UL 489	
• minimum	14
• maximum	6
AWG number / as coded connectable conductor cross section / solid / according to CSA C22.2 No. 5-16	
• minimum	12
maximum	8
type of connectable conductor cross-sections / for copper conductor	
• solid	1x (2,535mm²)
<ul> <li>finely stranded / with core end processing</li> </ul>	1x (2.516 mm²)
• stranded	1x (2,535mm²)
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	have de marke at
for main current circuit     for auxiliany contacts	box terminal
for auxiliary contacts	connection terminals
Mechanical Design	06 mm
height	96 mm
width	60 mm 77 mm
depth type of device	fixed mounting
fastening method	Built-in unit fixed-mounted version
fastening method	Sant III drift into a modified voidion
4-hole front mounting	Yes
front mounting with central attachment	No
• rail mounting	Yes
net weight	520 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** 

**Declaration of Conformity** 

Confirmation

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=3LD5010-0TK13

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD5010-0TK13

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD5010-0TK13

**CAx-Online-Generator** 

http://www.siemens.com/cax

**Tender specifications** 

http://www.siemens.com/specifications

