## **SIEMENS**

Data sheet 3LD2704-0TK51



SENTRON, Switch disconnector 3LD, main switch, 3-pole, lu: 100 A, Operating power / at AC-23 A at 400 V: 37 kW, front-mounted, rotary operating mechanism, black, 4-hole mounting of the handle

Model	
product brand name	SENTRON
product designation	3LD Switch disconnector
design of the product	Main switch
display version for switch position indicator manual operation	1 ON - 0 OFF
type of switch	front mounted
design of the actuating element	Short rotary knob
color of the actuating element	black
design of handle	rotary operating mechanism, black
type of the driving mechanism motor drive	No
General technical data	
number of poles	3
size of switch disconnector	4
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	
<ul> <li>at AC rated value</li> </ul>	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	7.5 W
Current	
operational current rated value	100 A
operational current	
<ul> <li>at 40 °C rated value</li> </ul>	100 A
<ul> <li>at 45 °C rated value</li> </ul>	100 A
<ul> <li>at 50 °C rated value</li> </ul>	100 A
<ul> <li>at 55 °C rated value</li> </ul>	100 A

And Cart at 690 V rated value at AC-21 at 690 V rated value at AC-21 at 490 V rated value at AC-21 at 490 V rated value at AC-21 at 490 V rated value at AC-22 at 440 V rated value at AC-22 at 400 V rated value at AC-23 at 600 V rated value at AC-3 at 600 V rated value be at AC-3 at 600 V rated value at AC-3 at 600 V rated va	at AC rated value	100 A
quarterial current  at AC-21 at 890 y rated value  at AC-21 at 840 y rated value  100 A  at AC-21 A at 400 y rated value  100 A  at AC-22 A at 400 y rated value  100 A  at AC-22 A at 400 y rated value  100 A  at AC-23 A at 400 y rated value  100 A  poperating power  at AC-23 A at 400 y rated value  100 A  at AC-23 A at 400 y rated value  100 A  at AC-23 A at 400 y rated value  100 A  at AC-23 A at 400 y rated value  100 A  at AC-23 A at 400 y rated value  100 A  100	Main circuit	
* at AC-21 at 890 V rated value   100 A   at AC-21 hat 490 V rated value   100 A   at AC-21 hat 490 V rated value   100 A   at AC-21 hat 490 V rated value   70 A		
e at AC-21 A at 440 V rated value e at AC-22 A at 440 V rated value 70 A operating power e at AC-22 A at 420 V rated value 71 AC-22 A at 420 V rated value 72 A at AC-23 A at 440 V rated value 73 F W 74 AC-22 A at 440 V rated value 75 F W 75 F W 76 AC-25 A at 440 V rated value 77 K W 77 K W 78 AC-25 A at 440 V rated value 78 AC-25 A at 440 V rated value 79 AC-25 A at 440 V rated value 79 AC-25 A at 450 V rated value 79 AC-25 A at 500 V rated value 79 AC-25	•	100 A
e at AC-22 A at 40 V rated value operating power e at AC-22 A at 20 V rated value operating power e 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-33 A at 400 V rated value at AC-34 A at 500 V rated value at AC-34 at 400 V rated value at AC-34 at 690 V rated value at AC-34 at 690 V rated value at AC-34 at 690 V rated value at AC-36 at 690 V rated value at AC-37 at 690 V rated value at AC-37 at 690 V rated value at AC-38 at 690 V rated value at AC-38 at 690 V rated value at AC-39 at 690 V rated value at AC-30 at 69	<ul> <li>at AC-21 A at 240 V rated value</li> </ul>	100 A
* at AC-23 A at 40 V rated value operating power  * at AC-23 A at 24 V v rated value * at AC-23 A at 24 V 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 460 V rated value * at AC-23 A at 460 V rated value * at AC-23 at 460 V rated value * at AC-3 at 560 V rated value * appear to a value value value value * appear to a value value value value * appear to a value value value * appear to a value value value * appear to a value value value * a value value value value *	<ul> <li>at AC-21 A at 400 V rated value</li> </ul>	100 A
operating power  at AC-23 A at 400 V rated value  37 kW  at AC-23 A at 460 V rated value  38 kW  at AC-33 A at 460 V rated value  39 kW  at AC-33 A at 400 V rated value  39 kW  at AC-33 A at 400 V rated value  30 kW  at AC-33 at 560 V rated value  30 kW  at AC-33 at 560 V rated value  22 kW  Auxillary circuit  number of CO contacts for auxiliary contacts  number of CO contacts for auxiliary contacts  number of NC contacts for auxiliary contact value  insulation voltage of the auxiliary switch rated value  solutability  suitability  suitability for use  • main switch  • maintenancerepair switch  Yes  • switch disconnector  • safety switch  • safety switch  • maintenancerepair switch  Product details  product feature can be locked into OFF position  yes  product reature can be locked into OFF position  • voltage frigger  number of connectable NC contacts for auxiliary contacts  attachable maximum  number of connectable NC contacts for auxiliary contacts  attachable maximum  has ptickness of the bracket locks  Short circuit  conditional short-circuit current with line-side fuse  profection  • at 80 V by gG fuse rated value  10 kA	<ul> <li>at AC-21 A at 440 V rated value</li> </ul>	100 A
at AC-23 A at 40 V rated value at AC-23 A at 40 V rated value 37 kW at AC-23 A at 40 V rated value 37 kW at AC-23 A at 690 V rated value 30 kW at AC-3 at 240 V rated value 30 kW at AC-3 at 240 V rated value 30 kW at AC-3 at 400 V rated value 22 kW  Auxiliary circuit number of CC contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts operating voltage of auxiliary contacts operating voltage of auxiliary contact at AC maximum continuous current of the auxiliary switch rated value 500 V  Sultability Sultability for use  a main switch a switch disconnector b switch disconnector b switch disconnector c Set MERCENCY OFF switch b c safety switch rated value c Set MERCENCY OFF switch c maintenance/repair switch yes  Product detarite product feature can be locked into OFF position yes attachable maximum a more drive voltage frigger product feature can be locked into OFF position yes attachable maximum a maximum a maximum a maximum a more drive voltage frigger product feature can be locked into OFF position  attachable maximum a maximum a maximum a set 40 V for combination switch + gG fuse maximum at 40 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	<ul> <li>at AC-23 A at 400 V rated value</li> </ul>	70 A
at AC-23 A at 400 V rated value at AC-23 A at 400 V rated value 37 kW at AC-23 A at 400 V rated value 38 kW at AC-33 at 240 V rated value 39 kW at AC-3 at 240 V rated value 39 kW at AC-3 at 560 V rated value 22 kW  Auxillary circuit  number of CO contacts for auxiliary contacts number of NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 contacts for auxiliary contacts 0 perating voltage of auxiliary contacts at AC maximum continuous current of the auxiliary contacts at AC maximum continuous current of the auxiliary contacts at AC maximum continuous current of the auxiliary contacts at AC maximum continuous current of the auxiliary contacts at AC maximum continuous current of the auxiliary contacts at AC maximum continuous current of the auxiliary contacts at AC maximum continuous current of the auxiliary contacts at AC maximum continuous current of the auxiliary contacts at AC maximum continuous current of the auxiliary contacts at AC maximum continuous current of the auxiliary contacts at AC maximum version auximum product deature can be locked into OFF position  **Coessories**  **Product deature**  **product d	operating power	
at AC-23 A at 690 V rated value at AC-3 at 240 V rated value at AC-3 at 240 V rated value at AC-3 at 400 V rated value at AC-3 at 690 V rated value 22 kW  Auxiliary circuit number of CC contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts operating voltage of auxiliary contacts operating voltage of the auxiliary contacts operating voltage of the auxiliary switch rated value continuous current of the auxiliary switch rated value suitability for use  main switch main switch switch disconnector EMERGENCY OFF switch switch disconnector EMERGENCY OFF switch voltage trigger product feature can be locked into OFF position render of 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 at 40 V for combination switch + gG fuse maximum at 440 V for	at AC-23 A at 240 V rated value	18.5 kW
al AC-23 A at 80 V rated value at AC-3 at 240 V rated value at AC-3 at 400 V rated value 22 kW  Auxiliary circuit number of CO contacts for auxiliary contacts number of NC contacts for auxiliary contacts operating voltage of auxiliary contacts operating voltage of 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 sinsulation voltage of the auxiliary switch rated value Solubility suitability for use  • main switch • switch disconnector • EMERGENCY OFF switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch • reproduct details  product details  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 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 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 combinat	<ul> <li>at AC-23 A at 400 V rated value</li> </ul>	37 kW
at AC-3 at 240 V rated value at AC-3 at 400 V rated value 22 kW  Auxiliary circuit number of CO contacts for auxiliary contacts number of NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 contents of new auxiliary contacts 0 contacts of auxiliary contacts at AC maximum continuous current of the auxiliary contact rated value 10 A  Insulation voltage of the auxiliary switch rated value  Solutability  suitability for use  • main switch • with disconnector • which disconnector • whic	<ul> <li>at AC-23 A at 440 V rated value</li> </ul>	37 kW
at AC-3 at 400 V rated value at AC-3 at 680 V rated value 22 kW  Auxillary circuit  number of CO contacts for auxillary contacts 0 number of NC contacts for auxillary contacts 0 number of NC contacts for auxillary contacts 0 operating voltage of auxillary contacts at AC maximum continuous current of the auxillary contact rated value insulation voltage of the auxillary switch rated value insulation voltage of the auxillary switch rated value insulation voltage of the auxillary switch rated value  Solutability  suitability for use  • main switch • switch disconnector • EMERGENCY OFF switch • switch disconnector • EMERGENCY OFF switch • maintenance/repair switch  Yes  Product details  product esture can be locked into OFF position  **responsible to the switch of the switch 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 number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of	<ul> <li>at AC-23 A at 690 V rated value</li> </ul>	30 kW
at AC-3 at 690 V rated value  Auxiliary circuit  number of CC contacts for auxiliary contacts 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 the auxiliary contacts 0 operating voltage of the auxiliary switch rated value 500 V  Suitability  suitability for use  • main switch • switch disconnector • EMERGENCY OFF switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch • safety switch • maintenance/repair switch • safety switch • maintenance/repair switch • ves  Product details  product feature can be locked into OFF position  **coossories**  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 connectable CO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of protect locks maximum of the foreith contact for auxiliary conta	<ul> <li>at AC-3 at 240 V rated value</li> </ul>	18.5 kW
Auxiliary 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 contact at C maximum continuous current of the auxiliary switch rated value insulation voltage of the auxiliary switch 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 • safety switch • safety switch • safety switch • maintenance/repair switch  Product details  product feature can be locked into OFF position  **RECONSORTES**  **Product details  product extension optional • notior 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 hasp thickness of the bracket locks maximum hasp thickness of the bracket locks maximum hasp thickness of the bracket locks 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 690 V by GD fuse fuse fuse fuse fuse fuse fuse fuse	<ul> <li>at AC-3 at 400 V rated value</li> </ul>	30 kW
number of CO contacts for auxiliary contacts number of NO contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0 operating voltage of auxiliary contacts at AC maximum continuous current of the auxiliary contact acted value insulation voltage of the auxiliary switch rated value 500 V  Suntability  Suntability  Suntability for use  • main switch • main switch • switch disconnector • EMERGENCY OFF switch • switch disconnector • EMERGENCY OFF switch • safety 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 NC contacts for auxiliary contacts attachable maximum number of bracket locks maximum • 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 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 690 V by Of 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 • for short-cir	<ul> <li>at AC-3 at 690 V rated value</li> </ul>	22 kW
number of NC contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 0 operating voltage of auxiliary contact at AC maximum continuous current of the auxiliary contact rated value 10 A insulation voltage of the auxiliary switch rated value 500 V  Suitability suitability suitability ous  • main switch • switch disconnector • main switch • switch disconnector • main switch • safety switch • maintenancerepair switch  Product details  product teature can be locked into OFF position  **coctsortiss*  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 hasp thickness of the bracket locks maximum hasp thickness of the bracket locks 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 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-circ	Auxiliary circuit	
number of NC contacts for auxiliary contacts 0   operating voltage of auxiliary contacts at C maximum continuous current of the auxiliary contact rated value   insulation voltage of the auxiliary switch rated value   500 V  Suitability  suitability   sui		0
number of NC contacts for auxiliary contacts of the auxiliary contacts at AC maximum continuous current of the auxiliary switch rated value 500 V  Suitability of use  • main switch • switch disconnector • Suffey witch (See See See See See See See See See Se	•	
operating voltage of auxiliary contact rated value insulation voltage of the auxiliary switch rated value  Sout voltage of the auxiliary switch rated value  was main switch  switch disconnector  Sout voltage voltage of voltage volta	-	
continuous current of the auxiliary switch rated value 500 V  Suitability suitability for use  • main switch • switch disconnector Yes • main switch • switch disconnector Yes • main switch • safety switch • maintenance/repair switch  Product details product fature can be locked into OFF position  sccessories  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 as phickness of the bracket locks  Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value   et-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 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		500 V
Insulation voltage of the auxiliary switch rated value  Suitability  suitability for use  • main switch • switch disconnector • EMERCENCY OFF switch • safety switch • 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 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 number of bracket locks maximum number of tracket locks maximum number of tracket locks maximum number of tracket locks maximum 10 tracket locks maximum 10 tracket locks maximum 10 kA 11 to kA 11 to kA 12 to kA2.s 4 kA2.s 4 kA2.s 4 kA2.s 6 k kA2.s 6 fuse gL/gG: 100 A		10 A
• main switch	· · · · · · · · · · · · · · · · · · ·	500 V
main switch switch disconnector EMERGENCY OFF switch safety switch safety switch safety switch maintenance/repair switch yes maintenance/repair switch yes  Product details product feature can be locked into OFF position yes  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 hasp thickness of the bracket locks  short circuit  conditional short-circuit current with line-side fuse protection at 440 V for combination switch + gG fuse maximum at 440 V for combination		
Switch disconnector     EMERGENCY OFF switch     Safety switch     Safety switch     The switch of the safety switch     Safety switch     The switch of the safety switch     The switch of the safety switch     The safety switch     The switch of the safety switch     The switch of the safety switch     The safety switch     The switch of the safety switch     The switch of the safety switch     The switch of the switch of the safety switch     The switch of the switch	suitability for use	
EMERGENCY OFF switch safety switch safety switch Yes  Product details  product feature can be locked into OFF position Product extension optional more 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 the safe to contact for auxiliary contacts attachable maximum number of the safe to contact for auxiliary contacts attachable maximum number of the safe to contact for auxiliary contacts attachable maximum number of the safe to contact for auxiliary contacts attachable maximum number of the safe to contact for auxiliary contacts attachable maximum number of the safe to contact for auxiliary contacts attachable maximum number of the safe to contact for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of the safe to contact for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of the safe to contact for auxiliary contacts attachable maximum attachable maximum at a 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 ma	,	Yes
<ul> <li>safety switch</li> <li>maintenance/repair switch</li> <li>Yes</li> <li>product details</li> <li>product feature can be locked into OFF position</li> <li>accessories</li> <li>product extension optional</li> <li>motor drive</li> <li>voltage trigger</li> <li>number of connectable NC contacts for auxiliary contacts attachable maximum</li> <li>number of connectable NO contacts for auxiliary contacts attachable maximum</li> <li>number of connectable CO contacts for auxiliary contacts attachable maximum</li> <li>number of bracket locks ducks</li> <li>sont circuit</li> <li>conditional short-circuit current with line-side fuse protection</li> <li>at 690 V by gG fuse rated value</li> <li>et-through current with closed switch</li> <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</li> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 440 V for combination switch + gG fuse maximum</li> <li< td=""><td><ul> <li>switch disconnector</li> </ul></td><td>Yes</td></li<></ul>	<ul> <li>switch disconnector</li> </ul>	Yes
Product details  product deature can be locked into OFF position  ■ roduct sexension optional  ■ motor drive  ■ voltaget rigger 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 connectable CO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of connectable 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 attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable number of satisfactors attachable maximum number of connectable number of satisfactors attachable maximum number of connectable NC contacts attachable maximum number of connectable number of satis	<ul> <li>EMERGENCY OFF switch</li> </ul>	No
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 3 hasp thickness of the bracket locks  Short circuit  conditional short-circuit current with line-side fuse protection  • at 690 V by GG fuse rated value • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum permissible  Izt value 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 outlined to the fuse link • at 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum outlined to the fuse link • at 690 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum outlined to the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required	safety 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  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 permissible  lat value with closed switch • at 240 V for combination switch + gG fuse maximum permissible  lat value with closed switch • at 240 V for combination switch + gG fuse maximum permissible  lat value with closed switch • at 240 V for combination switch + gG fuse maximum eat 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 feat kA2.s • 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 • 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 combinat	<ul><li>maintenance/repair switch</li></ul>	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 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 permissible  12t value 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 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 640 V for combination switch + gG fuse maximum • at 640 V for combination switch + gG fuse maximum • at 640 V for combination switch + gG fuse maximum • at 640 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: 100 A fuse gL/gG: 10 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 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 3 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 permissible l2t value 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 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 • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch • fuse gL/gG: 100 A  fuse gL/gG: 10 A  fuse gL/gG: 10 A		
wottage 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 witch	product teature can be locked into OFF position	Yes
wottage 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 witch		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 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   10 kA   • at 440 V for combination switch + gG fuse maximum   10 kA   • at 690 V for combination switch + gG fuse maximum   10 kA   • at 240 V for combination switch + gG fuse maximum   10 kA   • at 240 V for combination switch + gG fuse maximum   10 kA   • at 240 V for combination switch + gG fuse maximum   64 kA2.s   • at 240 V for combination switch + gG fuse maximum   64 kA2.s   • at 690 V for combination switch + gG fuse maximum   64 kA2.s   • at 690 V for combination switch + gG fuse maximum   64 kA2.s   • at 690 V for combination switch + gG fuse maximum   64 kA2.s   • at 690 V for combination switch + gG fuse maximum   64 kA2.s   • at 690 V for combination switch + gG fuse maximum   64 kA2.s   • at 690 V for combination switch + gG fuse maximum   64 kA2.s   • at 690 V for combination switch + gG fuse maximum   64 kA2.s   • at 690 V for combination switch + gG fuse maximum   64 kA2.s   • at 690 V for combination switch + gG fuse maximum   64 kA2.s   • at 690 V for combination switch + gG fuse maximum   64 kA2.s   • at 690 V for combination switch + gG fuse maximum   64 kA2.s   • for short-circuit protection of the main circuit   fuse gL/gG: 100 A   • for short-circuit protection of the auxiliary switch   fuse gL/gG: 100 A	accessories	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 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 10 kA  • at 440 V for combination switch + gG fuse maximum 10 kA  • at 690 V for combination switch + gG fuse maximum permissible  12t value with closed switch  • at 240 V for combination switch + gG fuse maximum 64 kA2.s  • at 690 V for combination switch + gG fuse maximum 64 kA2.s  • at 690 V for combination switch + gG fuse maximum 64 kA2.s  • at 690 V for combination switch + gG fuse maximum 64 kA2.s  • at 690 V for combination switch + gG fuse maximum 64 kA2.s  • at 690 V for combination switch + gG fuse maximum 64 kA2.s  • at 690 V for combination switch + gG fuse maximum 64 kA2.s  • at 690 V for combination switch + gG fuse maximum 64 kA2.s  • at 690 V for combination switch + gG fuse maximum 64 kA2.s  • at 690 V for combination switch + gG fuse maximum 64 kA2.s  • at 690 V for combination switch + gG fuse maximum 64 kA2.s  • at 690 V for combination switch + gG fuse maximum 64 kA2.s  • at 690 V for combination switch + gG fuse maximum 64 kA2.s  • at 690 V for combination switch + gG fuse maximum 64 kA2.s  • at 690 V for combination switch + gG fuse maximum 64 kA2.s  • at 690 V for combination switch + gG fuse maximum 64 kA2.s  • at 690 V for combination switch + gG fuse maximum 64 kA2.s	accessories product extension optional	
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 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  let-through current with closed switch  • at 240 V for combination switch + gG fuse maximum 10 kA  • at 490 V for combination switch + gG fuse maximum 20 kA  • at 690 V for combination switch + gG fuse maximum 30 kA  • at 240 V for combination switch + gG fuse maximum 40 kA  • at 240 V for combination switch + gG fuse maximum 40 kA  • at 240 V for combination switch + gG fuse maximum 40 kA  • at 240 V for combination switch + gG fuse maximum 40 kA  • at 240 V for combination switch + gG fuse maximum 40 kA  • at 240 V for combination switch + gG fuse maximum 40 kA  • at 240 V for combination switch + gG fuse maximum 40 kA kA2.s  • at 690 V for combination switch + gG fuse maximum 40 kA2.s  • at 690 V for combination switch + gG fuse maximum 40 kA2.s  • at 690 V for combination switch + gG fuse maximum 40 kA2.s  • at 690 V for combination switch + gG fuse maximum 40 kA2.s  • at 690 V for combination switch + gG fuse maximum 40 kA2.s  • at 690 V for combination switch + gG fuse maximum 40 kA2.s  • at 690 V for combination switch + gG fuse maximum 50 kA kA2.s  • at 690 V for combination switch + gG fuse maximum 61 kA2.s  • at 690 V for combination switch + gG fuse maximum 62 kA2.s  • at 690 V for combination switch + gG fuse maximum 62 kA2.s  • at 690 V for combination switch + gG fuse maximum 63 kA2.s  • at 690 V for combination switch + gG fuse maximum 64 kA2.s  • at 690 V for combination switch + gG fuse maximum 64 kA2.s  • at 690 V for combination switch + gG fuse maximum 64 kA2.s	accessories  product extension optional  motor drive	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 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 permissible  12t value with closed switch • at 240 V for combination switch + gG fuse maximum eat 440 V for combination switch + gG fuse maximum for the fuse link • at 690 V for combination switch + gG fuse maximum eat 64 kA2.s • at 690 V for combination switch + gG fuse maximum fuse gL/gG: 100 A fuse gL/gG: 10 A fuse gL/gG: 10 A fuse gL/gG: 10 A	accessories  product extension optional  motor drive  voltage trigger	No No
number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum sharp thickness of the bracket locks  Short circuit  conditional short-circuit current with line-side fuse protection	product extension optional	No No
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 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 of 4 kA2.s • at 440 V for combination switch + gG fuse maximum full kA  • at 690 V for combination switch + gG fuse maximum of 4 kA2.s • at 690 V for combination switch + gG fuse maximum full kA  • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required	product extension optional	No No 3
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 permissible  I2t value with closed switch • at 240 V for combination switch + gG fuse maximum permissible  I2t value 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 440 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 required • for short-circuit protection of the auxiliary switch required	product extension optional	No No 3
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 690 V for combination switch + gG fuse 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 • 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 • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required	product extension optional	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  permissible  I2t value 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 m	product extension optional	No No 3 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  permissible  l2t value with closed switch  • at 240 V for combination switch + gG fuse maximum  • 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 69	product extension optional	No No 3 3 0
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  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 690	product extension optional	No No 3 3 0
<ul> <li>at 690 V by gG fuse rated value</li> <li>let-through current with closed switch</li> <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>l2t value with closed switch</li> <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</li> <li>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 required</li> <li>fuse gL/gG: 10 A</li> </ul>	product extension optional	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  • 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  o at 690 V for combination switch + gG fuse maximum  fuse gL/gG: 100 A  fuse gL/gG: 10 A  fuse gL/gG: 10 A	product extension optional	No No 3 3 0
<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>l2t value with closed switch</li> <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</li> <li>at 690 V for combination switch + gG fuse maximum</li> <li>for short-circuit protection of the main circuit required</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>fuse gL/gG: 10 A</li> <li>fuse gL/gG: 10 A</li> </ul>	product extension optional	No No 3 3 4 8 mm
<ul> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 690 V for combination switch + gG fuse maximum permissible</li> <li>12t value with closed switch</li> <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</li> <li>at 690 V for combination switch + gG fuse maximum</li> <li>for short-circuit protection of the main circuit required</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>fuse gL/gG: 10 A</li> <li>fuse gL/gG: 10 A</li> </ul>	product extension optional	No No 3 3 4 8 mm
<ul> <li>at 690 V for combination switch + gG fuse maximum permissible</li> <li>12t value with closed switch</li> <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</li> <li>at 690 V for combination switch + gG fuse maximum</li> <li>64 kA2.s</li> <li>64 kA2.s</li> <li>64 kA2.s</li> <li>64 kA2.s</li> <li>65 kA2.s</li> <li>66 kA2.s</li> <li>67 kA2.s</li> <li>68 kA2.s</li> <li>69 kA2.s</li> <li>69 kA2.s</li> <li>60 kA2.s</li> <li>60 kA2.s</li> <li>60 kA2.s</li> <li>61 kA2.s</li> <li>62 kA2.s</li> <li>63 kA2.s</li> <li>64 kA2.s</li> <li>65 kA2.s</li> <li>66 kA2.s</li> <li>67 kA2.s</li> <li>68 kA2.s</li> <li>69 kA2.s</li> <li>69 kA2.s</li> <li>60 kA2.s</li> <li>60 kA2.s</li> <li>61 kA2.s</li> <li>62 kA2.s</li> <li>63 kA2.s</li> <li>64 kA2.s</li> <li>64 kA2.s</li> <li>65 kA2.s</li> <li>66 kA2.s</li> <li>67 kA2.s</li> <li>68 kA2.s</li> <li>69 kA2.s</li> <li>60 kA2.s</li> <li>60 kA2.s</li> <li>61 kA2.s</li> <li>62 kA2.s</li> <li>63 kA2.s</li> <li>64 kA2.s</li> <li>64 kA2.s</li> <li>65 kA2.s</li> <li>66 kA2.s</li> <li>67 kA2.s</li> <li>68 kA2.s</li> <li>69 kA2.s</li> <li>60 kA2.s</li> <li>60 kA2.s</li> <li>61 kA2.s</li> <li>62 kA2.s</li> <li>63 kA2.s</li> <li>64 kA2.s</li> <li></li></ul>	product extension optional	No No 3 3 0 3 4 8 mm
permissible  12t value 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  design of the fuse link  • for short-circuit protection of the main circuit required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required	product extension optional	No No 3 3 0 3 4 8 mm
<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</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 required</li> <li>fuse gL/gG: 10 A</li> <li>fuse gL/gG: 10 A</li> </ul>	product extension optional	No No 3 3 0 3 4 8 mm  50 kA 10 kA 10 kA
<ul> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 690 V for combination switch + gG fuse maximum</li> <li>64 kA2.s</li> <li>64 kA2.s</li> <li>64 kA2.s</li> <li>65 kA2.s</li> <li>65 kA2.s</li> <li>66 kA2.s</li> <li>66 kA2.s</li> <li>67 kA2.s</li> <li>68 kA2.s</li> <li>69 kA2.s</li> <li>69 kA2.s</li> <li>60 kA2.s</li> <li>60 kA2.s</li> <li>60 kA2.s</li> <li>60 kA2.s</li> <li>60 kA2.s</li> <li>61 kA2.s</li> <li>62 kA2.s</li> <li>63 kA2.s</li> <li>64 kA2.s</li> <li>64 kA2.s</li> <li>64 kA2.s</li> <li>65 kA2.s</li> <li>66 kA2.s</li> <li>67 kA2.s</li> <li>68 kA2.s</li> <li>69 kA2.s</li> <li>60 kA2.s</li> <li>60 kA2.s</li> <li>60 kA2.s</li> <li>60 kA2.s</li> <li>60 kA2.s</li> <li>60 kA2.s</li> <li>61 kA2.s</li> <li>62 kA2.s</li> <li>63 kA2.s</li> <li>64 kA2.s<td>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</td><td>No No 3 3 0 3 4 8 mm  50 kA 10 kA 10 kA</td></li></ul>	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	No No 3 3 0 3 4 8 mm  50 kA 10 kA 10 kA
<ul> <li>at 690 V for combination switch + gG fuse maximum 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 required</li> <li>fuse gL/gG: 100 A</li> <li>fuse gL/gG: 10 A</li> </ul>	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 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	No No 3 3 0 3 4 8 mm  50 kA 10 kA 10 kA
design of the fuse link  • for short-circuit protection of the main circuit required  • for short-circuit protection of the auxiliary switch required  fuse gL/gG: 100 A  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 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             • 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	No No 3 3 0 3 4 8 mm  50 kA 10 kA 10 kA 10 kA
<ul> <li>for short-circuit protection of the main circuit required</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>fuse gL/gG: 100 A</li> <li>fuse gL/gG: 10 A</li> </ul>	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 690 V for combination switch + gG fuse maximum             • at 690 V for combination switch + gG fuse maximum             • at 240 V for combination switch + gG fuse maximum             • at 240 V for combination switch + gG fuse maximum             • at 240 V for combination switch + gG fuse maximum             • at 240 V for combination switch + gG fuse maximum             • at 240 V for combination switch + gG fuse maximum	No No 3 3 0 3 4 8 mm  50 kA 10 kA 10 kA 10 kA
required  ● for short-circuit protection of the auxiliary switch required  fuse gL/gG: 10 A	product extension optional	No No 3 3 0 3 4 8 mm  50 kA 10 kA 10 kA 10 kA 10 kA
required	product extension optional	No No 3 3 0 3 4 8 mm  50 kA 10 kA 10 kA 10 kA 10 kA
	product extension optional	No No 3 3 3 0 3 4 8 mm  50 kA 10 kA 10 kA 10 kA 10 kA 64 kA2.s 64 kA2.s 64 kA2.s
	product extension optional	No No 3 3 0 3 4 8 mm  50 kA 10 kA 10 kA 10 kA 10 kA 10 kA 10 kA for

according III	
according UL	400 A
operational current at AC according to UL 508/UL 60947- 4-1 rated value	100 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	60
active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value	75
short-time withstand current (SCCR) at 600 V according to UL 508/UL 60947-4-1	10 kA
continuous current of upstream fuse according to UL rated value	200 A
type of fuse according to UL	RK5
Connections	
AWG number as coded connectable conductor cross section solid	
• maximum	1
• minimum	12
type of connectable conductor cross-sections for copper conductor	
• solid	1x (450mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	1x (435mm²)
• stranded	1x (450mm²)
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)
<ul> <li>finely stranded with core end processing</li> </ul>	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	107 mm
width	90 mm
depth	112.5 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	492.7 g
Environmental conditions	
ambient temperature during operation	25.00
• minimum	-25 °C
maximum     ambient temperature during storage	55 °C
ambient temperature during storage	-25 °C
minimum     maximum	-25 °C
	33 0
General Product Approval	



Confirmation







Miscellaneous







Special Test Certificate





other

**Miscellaneous** 

Environmental Confirmations

## **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=3LD2704-0TK51

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2704-0TK51

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

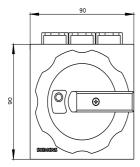
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD2704-0TK51

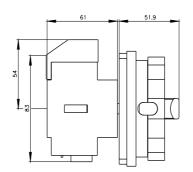
**CAx-Online-Generator** 

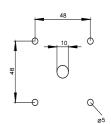
http://www.siemens.com/cax

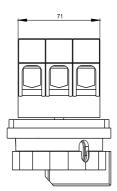
**Tender specifications** 

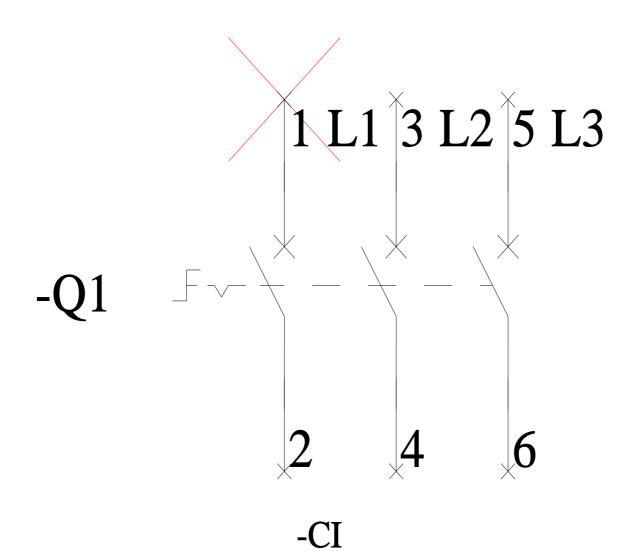
http://www.siemens.com/specifications

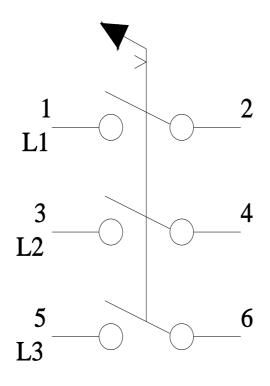












**7**