## **SIEMENS**

## **Data sheet**

## 3LD2164-2TD51-0AE2



SENTRON, Switch disconnector 3LD, main switch, 3-pole, lu: 25 A, Operating power / at AC-23 A at 400 V: 9.5 kW, molded-plastic encapsulation for metric screw connection, 1 NC, 1 NO, rotary operating mechanism, black

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	Molded-plastic enclosure for metric threaded joint
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
number of poles note	PE + N
size of switch disconnector	2
mechanical service life (operating cycles) typical	100 000
electrical endurance (operating cycles)	
• at AC-23 A at 690 V	6 000
operating frequency maximum	50 1/h
degree of pollution	3
Voltage	
insulation voltage rated value	690 V
surge voltage resistance rated value	6 kV
operating voltage	
at AC rated value	690 V
operating frequency rated value	
• minimum	50 Hz
• maximum	60 Hz
Protection class	
protection class IP	IP65
degree of protection NEMA rating	1, 4X, 12
protection class IP on the front	IP65
Dissipation	
power loss [W] for rated value of the current at AC in hot operating state per pole	1.1 W
Current	
operational current rated value	25 A
operational current	
at 40 °C rated value	25 A
• at 45 °C rated value	25 A
• at 50 °C rated value	25 A

e at 55 °C rated value 25 A  Main cricuit  operational current 4 AC-21 at 580 V rated value 25 A  at AC-21 at 580 V rated value 25 A  at AC-21 at 480 V rated value 25 A  at AC-21 hat 40 V rated value 25 A  at AC-21 hat 40 V rated value 25 A  at AC-21 hat 40 V rated value 25 A  at AC-21 hat 40 V rated value 25 A  at AC-23 hat 40 V rated value 25 A  at AC-23 hat 40 V rated value 30 A  at AC-23 hat 40 V rated value 9.5 kW  at AC-23 hat 40 V rated value 9.5 kW  at AC-23 hat 40 V rated value 9.5 kW  at AC-23 hat 40 V rated value 9.5 kW  at AC-23 hat 40 V rated value 9.5 kW  at AC-23 hat 40 V rated value 9.5 kW  at AC-23 hat 500 V rated value 8 kW  at AC-23 hat 600 V rated value 8 kW  at AC-23 hat 600 V rated value 8 kW  at AC-23 hat 600 V rated value 8 kW  at AC-3 hat 600 V rated value 8 kW  at AC-23 hat 600 V rated value 8 kW  at AC-23 hat 600 V rated value 8 kW  at AC-23 hat 600 V rated value 8 kW  at AC-23 hat 600 V rated value 8 kW  at AC-23 hat 600 V rated value 8 kW  at AC-23 hat 600 V rated value 8 kW  at AC-23 hat 600 V rated value 8 kW  at AC-23 hat 600 V rated value 8 kW  at AC-23 hat 600 V rated value 9 kW  at AC-23 hat 600 V rated value 8 kW  at AC-23 hat 600 V rated value 9 kW  at AC-23 hat 600 V rated value 9 kW  at AC-23 hat 600 V rated value 9 kW  at AC-23 hat 600 V rated value 9 kW  at AC-23 hat 600 V rated value 9 kW  at AC-23 hat 600 V rated value 9 kW  at AC-24 hat 600 V rated value 9 kW  at AC-25 hat 600 V rated value 9 kW  at AC-25 hat 600 V rated value 9 kW  at AC-25 hat 600 V rated value 9 kW  at AC-25 hat 600 V rated value 9 kW  at AC-25 hat 600 V rated value 9 kW  at AC-25 hat 600 V rated value 9 kW  at AC-25 hat 600 V rated value 9 kW  at AC-25 hat 600 V rated value 9 kW  at AC-25 hat 600 V rated value 9 kW  at AC-25 hat 600 V rated value 9 kW  at AC-25 hat 600 V rated value 9 kW  at AC-25 hat 600 V rated value 9 kW  at AC-25 hat 600 V rated value 9 kW  at 600 V hat 600 V rated value 9 kW  at 600 V hat 600 V rated value 9 kW  at 600 V hat 600 V rated value 9 kW  at 600 V hat 600 V rated va	455.00	
Marin circuit		
operational current  • at AC-21 at 690 V rated value • at AC-21 h at 400 V rated value • at AC-21 h at 400 V rated value • at AC-21 h at 440 V rated value • at AC-22 h at 440 V rated value • at AC-22 h at 440 V rated value • at AC-23 h at 440 V rated value • at AC-23 h at 400 V rated value • at AC-23 h at 400 V rated value • at AC-23 h at 400 V rated value • at AC-23 h at 400 V rated value • at AC-23 h at 400 V rated value • at AC-23 h at 690 V rated value • at AC-23 h at 690 V rated value • at AC-23 h at 690 V rated value • at AC-33 h at 690 V rated value • at AC-33 h at 690 V rated value • at AC-3 at 400 V rated value • at AC-3 at 580 V rated value • at AC-3 at 680 V rated value • at AC-3 is 690 V rated value  **This is a for a f		20 A
* at AC-21 at 860 V rated value 25 A  * at AC-21 A at 400 V rated value 25 A  * at AC-21 A at 400 V rated value 25 A  * at AC-23 A at 400 V rated value 25 A  * at AC-23 A at 40 V rated value 20 A  operating power  * at AC-23 A at 40 V rated value 5 kW  * at AC-23 A at 40 V rated value 10 kW  * at AC-23 A at 40 V rated value 10 kW  * at AC-23 A at 40 V rated value 10 kW  * at AC-23 A at 40 V rated value 10 kW  * at AC-23 A at 40 V rated value 4 kW  * at AC-23 A at 40 V rated value 4 kW  * at AC-33 At 50 V rated value 5 kW  * at AC-33 at 50 V rated value 5 kW  * at AC-34 at 60 V rated value 5 kW  * at AC-35 at 50 V rated value 7.5 kW   * Auxiliary circuit 7 kW   * Auxiliary circuit 7 kW   * Auxiliary circuit 8 kW   * at AC-36 at 60 V rated value 7.5 kW   * Auxiliary circuit 8 kW   * at AC-36 at 60 V rated value 7.5 kW   * Auxiliary circuit 8 kW   * at AC-36 at 60 V rated value 7.5 kW   * Auxiliary circuit 8 kW   * at AC-36 at 60 V rated value 7.5 kW   * Auxiliary circuit 8 kW   * at AC-36 at 60 V rated value 7.5 kW   * Auxiliary circuit 9 kW   * auxiliary circ		
at AC-21 A at 40 V rated value 25 A at 40 V rated value 20 A poperating power 9 at AC-23 A at 40 V rated value 10 kW at AC-23 A at 40 V rated value 5 kW at AC-23 A at 40 V rated value 10 kW at AC-23 A at 40 V rated value 9,5 kW at AC-23 A at 40 V rated value 9,5 kW at AC-23 A at 40 V rated value 4 kW at AC-23 A at 40 V rated value 4 kW at AC-23 A at 690 V rated value 8 kW at AC-23 A at 690 V rated value 8 kW at AC-3 at 690 V rated value 8 kW at AC-3 at 690 V rated value 8 kW at AC-3 at 690 V rated value 8 kW at AC-3 at 690 V rated value 9 kW at AC-3 at 690 V rated value 9 kW at AC-3 at 690 V rated value 9 kW at AC-3 at 690 V rated value 10 kW at AC-3 at 690 V rated va	•	25 Λ
* at AC-21 A at 400 V rated value 25 A  * at AC-23 A at 400 V rated value 20 A  perainting power  * at AC-23 A at 400 V rated value 5 kW  * at AC-23 A at 240 V rated value 10 kW  * at AC-23 A at 400 V rated value 10 kW  * at AC-23 A at 400 V rated value 9.5 kW  * at AC-23 A at 400 V rated value 10 kW  * at AC-23 A at 400 V rated value 4 kW  * at AC-23 A at 400 V rated value 4 kW  * at AC-3 at 400 V rated value 8 kW  * at AC-3 at 400 V rated value 8 kW  * at AC-3 at 660 V rated value 8 kW  * at AC-3 at 660 V rated value 8 kW  * at AC-3 at 660 V rated value 8 kW  * at AC-3 at 660 V rated value 9.5 kW   * at AC-3 at 660 V rated value 8 kW  * at AC-3 at 660 V rated value 9.5 kW   * at 6 at AC-2 kW   * at AC-3 at 660 V rated value 9.5 kW   * at 6 at AC-2 kW   * at AC-3 at 660 V rated value 9.5 kW   * at 6 at AC-2 kW   *		
at A C-21 A at 440 V rated value at AC-23 A at 400 V rated value 5 kW  at AC-23 A at 400 V rated value 5 kW  at AC-23 A at 400 V rated value 9.5 kW  at AC-23 A at 400 V rated value 9.5 kW  at AC-23 A at 400 V rated value 9.5 kW  at AC-23 A at 400 V rated value 4 kW  at AC-34 at 240 V rated value 8 kW  at AC-3 at 240 V rated value 8 kW  at AC-3 at 600 V rated value 8 kW  at AC-3 at 600 V rated value 10 kW  Auxiliary circuit  Number of CO contacts for auxiliary contacts 10 number of NC contacts for auxiliary contacts 11 number of NC contacts for auxiliary contacts 11 number of NC contacts for auxiliary contacts 12 number of NC contacts for auxiliary contacts 13 number of NC contacts for auxiliary contacts 14 number of NC contacts for auxiliary contacts 15 number of NC contacts for auxiliary contacts 16 number of NC contacts for auxiliary contacts 17 number of NC contacts for auxiliary contacts 18 number of NC contacts for auxiliary contacts 19 number of NC contacts for auxiliary contacts 10 A number of NC contacts for auxiliary contacts 10 A number of NC contacts for auxiliary contacts at C maximum 10 A number of NC contacts for auxiliary contacts 10 A number of NC contacts for auxiliary contacts 10 A number of NC contacts 10 A number of NC contacts for auxiliary contacts 10 A number of NC contacts for auxiliary contacts 10 A number of NC contacts for auxiliary contacts 10 A number of NC contacts for auxiliary contacts 10 A number of NC contacts for auxiliary contacts 11 A number of NC contacts for auxiliary contacts 12 attachable maximum 13 A number of NC contacts for auxiliary contacts 14 attachable maximum 15 A to Y or combination switch + gG fuse maximum 16 at 40 V for combination switch + gG fuse maximum 17 at 40 V for combination switch + gG fuse maximum 18 at 40 V for combination switch + gG fuse maximum 18 at 40 V for combination switch + gG fuse maximum 19 at 40 V for combination switch + gG fuse		
at AC-23 A at 400 V rated value operating power at AC-23 A at 240 V rated value 10 kW at AC-23 A at 400 V rated value 10 kW at AC-23 A at 400 V rated value 10 kW at AC-23 A at 400 V rated value 10 kW at AC-23 A at 400 V rated value 10 kW at AC-23 A at 400 V rated value 4 kW at AC-3 at 4600 V rated value 8 kW at AC-3 at 4600 V rated value 8 kW ALITERY CIRCUIT NUMBER OF CO contacts for auxiliary contacts 10 contacts for auxiliary contacts 11 contacts for auxiliary contacts 12 continuous current of the auxiliary contacts 13 continuous current of the auxiliary contact rated value 16 continuous current of the auxiliary switch rated value 17 contacts for auxiliary contact rated value 18 continuous current of the auxiliary switch rated value 19 continuous current of the auxiliary switch rated value 19 continuous current of the auxiliary switch rated value 19 continuous current of the auxiliary switch rated value 10 continuous current of the auxiliary switch rated value 10 continuous current of the auxiliary switch rated value 10 continuous current of the auxiliary switch rated value 10 continuous current of the auxiliary switch rated value 10 continuous current of the auxiliary switch rated value 10 continuous current of the auxiliary switch rated value 10 continuous current of the auxiliary switch rated value 10 continuous current of the auxiliary switch rated value 10 continuous current the auxiliary switch rated value 10 continuous current the auxiliary contacts attachable maximum 10 continuous current with line-side fuse 10 continuous current with closed switch 10 contacts of the bracket locks 11 continuous current with closed switch 12 continuous current with closed switch 13 continuous current with closed switch 14 continuous current with closed switch 15 continuous current continuous switch + gG fuse maximum 15 characteria current with closed switch 16 continuous current current with line-side fuse protection 17 continuous current current with line-side fuse protection 18 continuous current current with line-si		
operating power  * at AC-23 A at 440 V rated value  * at AC-23 A at 440 V rated value  * at AC-23 A at 440 V rated value  * at AC-23 A at 490 V rated value  * at AC-32 A at 490 V rated value  * at AC-32 at 490 V rated value  * at AC-3 at 690 V rated value  * auxiliary circuit  * operating voltage of auxiliary contacts  * operating voltage of the auxiliary contacts  * operating voltage of the auxiliary switch rated value  * operating voltage of the auxiliary switch rated value  * overating voltage of the auxiliary switch rated value  * suitability for use  * main switch  * switch disconnector  * EMERGENORY OFF switch  * switch disconnector  * EMERGENORY OFF switch  * safety switch  * safety switch  * safety switch  * an antenance/repair switch  * Yes  * Product details  * product feature can be locked into OFF position  * safety switch  * worth of the auxiliary contacts  * tatchable maximum  * number of connectable NC contacts for auxiliary contacts  * statchable maximum  * number of connectable NC contacts for auxiliary contacts  * statchable maximum  * number of connectable NC contacts for auxiliary contacts  * statchable maximum  * number of connectable NC contacts for auxiliary contacts  * statchable maximum  * sta		
a if AC-23 A at 440 V rated value at AC-23 A at 440 V rated value b at AC-23 A at 440 V rated value at AC-23 A at 440 V rated value b at AC-33 A at 690 V rated value b at AC-33 at 240 V rated value b at AC-34 at 690 V rated value c at AC-34 at 690 V rated value b at AC-34 at 690 V rated value b at AC-34 at 690 V rated value c at AC-34 at 690 V rated value continuous current of the auxiliary contacts continuous current of the auxiliary switch rated value c at at 690 V br F switch  vers continuous current of the auxiliary contacts continuous current of the contacts for auxiliary contacts continuous current of the contacts for auxiliary contacts catachable maximum number of connectable NC contacts for auxiliary contacts catachable maximum number of connectable NC contacts for auxiliary contacts catachable maximum number of connectable NC contacts for auxiliary contacts catachable maximum number of connectable NC contacts for auxiliary contacts catachable maximum number of connectable NC contacts for auxiliary contacts catachable maximum number of connectable NC contacts for auxiliary contacts catachable maximum number of connectable NC contacts for auxiliary contacts catachable maximum number of connectable NC contacts for auxiliary contacts catachable maximum number of connectable NC contacts for		
at AC-23 A at 460 V rated value 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 590 V rated value At AC-3 at 590 V rated value At AC-3 at 590 V rated value 7.5 kW   Auxiliary circuit  number of CO contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NC contacts for 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 solutability  suitability for use  • main switch • switch disconnector • MERGENCY OFF switch • safety switch • safety switch • safety switch • safety switch • maintenance/repair switch  Product details  product feature can be locked into OFF position  Yes  accessorios  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 1 1 1 2 3 3 3 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4		5 kW
at AC-23 A at 680 V rated value at AC-3 at 400 V rated value at AC-3 at 590 V rated value at AC-3 at 590 V rated value 7.5 kW  Auxillary circuit number of CO contacts for auxiliary contacts number of CO contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts operating voltage of auxiliary contacts at AC maximum continuous current of the auxiliary contact rated value ocontinuous current of the auxiliary switch rated value 500 V  Suitability suitability for us  min switch switch disconnector min switch safety switch safety switch safety switch namination of the switch safety switch safety switch namination of the switch safety switch reproduct deature can be locked into OFF position continuous current of the 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 hasp thickness of the bracket locks  Short circuit conditional short-circuit current with line-side fuse protection at 890 V by gG fuse rated value  10 A 11 AVX 12 AVX 13 AVX 14 AVX 15 AVX 16 AVX 16 AVX 16 AVX 17 AVX 18 A	• at AC-23 A at 400 V rated value	10 kW
at AC-3 at 240 V rated value at AC-3 at 400 V rated value 3 kW at AC-3 at 400 V rated value 7.5 kW  Auxiliary circuit  number of CO contacts for auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contact rated value 10 A insulation voltage of the auxiliary switch rated value 10 A insulation voltage of the auxiliary switch rated value 10 A insulation voltage of the auxiliary switch rated value 10 A insulation voltage of the auxiliary switch rated value 10 A insulation voltage of the auxiliary switch rated value 10 A insulation voltage of the auxiliary switch rated value 10 A insulation voltage of the auxiliary switch rated value 10 A insulation voltage of the auxiliary switch rated value 10 A insulation voltage of the auxiliary switch rated value 10 A insulation voltage of the auxiliary switch rated value 10 A insulation voltage of the auxiliary contacts of auxiliary contacts of auxiliary contacts attachable maximum 10 A 10 A 10 A 11 A 12 A 12 A 13 A 14 A 15 A 16 A 16 A 17 A 18	<ul> <li>at AC-23 A at 440 V rated value</li> </ul>	9.5 kW
at AC-3 at 400 V rated value 7.5 kW  AuXillary circuit  number of CO contacts for auxiliary contacts 0 number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 operating voltage of auxiliary contacts at AC maximum 500 V continuous current of the auxiliary contact rated value 500 V  Suitability  suitability for use  • main switch Yes • wilch disconnector Yes • switch disconnector Yes • switch disconnector Yes • switch disconnector Yes • maintenance/repair switch Yes  Product detaits  product feature can be locked into OFF position Yes  accessories  product extension optional • motor drive No • untage 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 NO contacts for auxiliary contacts attachable maximum number of connectable NO contacts for auxiliary contacts attachable maximum number of connectable NO contacts for auxiliary contacts attachable maximum number of connectable NO contacts for auxiliary contacts attachable maximum number of connectable NO contacts for auxiliary contacts attachable maximum 1 at 440 V for combination switch + gG fuse maximum 3.5 kA  at 480 V for combination switch + gG fuse maximum 4 kA2.s  et 4240 V for combination switch + gG fuse maximum 4 kA2.s  et 4240 V for combination switch + gG fuse maximum 4 kA2.s	<ul> <li>at AC-23 A at 690 V rated value</li> </ul>	10 kW
at AC-3 at 690 V rated value  Auxiliary circuit  number of CO contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contact at AC maximum continuous current of the auxiliary contact at at Value insulation voltage of the auxiliary switch rated value  500 V  Sutability  suitability for use  • main switch • switch disconnector • Yes • EMERGENCY OFF switch • safety switch • safety switch • safety switch • maintenance/repair switch • Yes  Product details  product details  product teature can be locked into OFF position  **coessories**  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 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  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 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V f	<ul> <li>at AC-3 at 240 V rated value</li> </ul>	4 kW
Auxillary circuit number of CO contacts for auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 operating voltage of auxiliary contacts at AC maximum continuous current of the auxiliary contact rated value insulation voltage of the auxiliary switch rated value  Suitability  Suitability  Suitability for use  • main switch • witch disconnector • EMERGENCY OFF switch • witch disconnector • EMERGENCY OFF switch • maintenance/repair switch • maintenance/repair switch • safety switch • maintenance/repair switch • maintenance/repair switch  Product details product details product detailre on the locked into OFF position  • notor 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 NO contacts for auxiliary contacts attachable maximum number of connectable NO contacts for auxiliary contacts attachable maximum number of bracket locks auximum number of bracket locks maximum hasp thickness of the bracket locks  Short circuit conditional short-circuit current with line-side fuse protection • at 800 V by gG fuse rated value et 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 + g		
number of CO contacts for auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 operating voltage of auxiliary contacts at AC maximum continuous current of the auxiliary switch rated value insulation voltage of the auxiliary switch rated value 500 V  Suitability suitability or use  • main switch • switch disconnector • EMERGENCY OFF switch • saiety switch • saiety switch • maintenance/repair switch  Product details  product deature can be locked into OFF position  **accessories**  product extension optional • motor drive • voltage trigger number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable 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  **attachable maximum number of bracket locks maximum hasp thickness of the bracket locks  **attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of oronectable CO contacts for auxiliary contacts attachable maximum number of oronectable CO contacts for auxiliary contacts attachable maximum 1 0 at 440 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 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 440 V for combination switch +		7.5 kW
number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	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 switch rated value  Suitability  suitability  suitability for use  • main switch • switch disconnector • EMERGENCY OFF switch • switch disconnector • EMERGENCY OFF switch • maintenance/repair 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 CC contacts for auxiliary contacts attachable maximum number of connectable CC contacts for auxiliary contacts attachable maximum number of bracket locks maximum number of the bracket locks maximum number of the bracket locks maximum 10 at 890 V by gG fuse rated value 10 A		
operating voltage of auxiliary contacts at AC maximum continuous current of the auxiliary contact rated value insulation voltage of the auxiliary switch rated value 500 V  Suitability  suitability for use  • main switch		
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 • safety switch • maintenance/repair switch • safety switch • maintenance/repair switch • safety switch • maintenance/repair switch  Product details  product retails  product extension optional  • motor drive • voltage trigger number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum number of bracket locks maximum number of bracket locks maximum hasp thickness of the bracket locks  \$ 4 8 mm  Short circuit  conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 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 • 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 • 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 • at 240 V for combination switch + gG fuse maximum • at 240 V for combination switch + gG fuse maximum • at 240 V for combinatio	•	
Suitability  suitability for use  main switch switch disconnector EMERGENCY OFF switch minintenance/repair switch  Product details  product feature can be locked into OFF position  mumber 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 4 8 mm  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 + gG fuse maximum permissible  12t value with closed switch at 240 V for combination switch + gG fuse maximum per 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 240 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 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 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 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 at 240 V for combination switch + gG fuse maximum		
Suitability suitability for use  • main switch • switch disconnector • EMERGENCY OFF switch • maintenance/repair switch • yes  Product details  product details  product feature can be locked into OFF position  **accessories**  product extension optional • motor drive • voltage trigger number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum number of bracket locks maximum number of bracket locks maximum hasp thickness of the bracket locks  **Short circuit**  conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value 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 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 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		
suitability for use  • main switch • switch disconnector • EMERGENCY 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 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 shasp thickness of the bracket locks  Short circuit  conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum 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 • 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		
main switch switch disconnector EMERGENCY OFF switch safety switch safety switch Troduct details  Product details  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 maximum number of bracket locks maximum number of 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 + gG fuse maximum at 440 V for combination switch at 440 V for combination at 440 V for		
Switch disconnector     EMERGENCY OFF switch     Safety switch     maintenance/repair switch     Yes  Product details  product feature can be locked into OFF position  accessories  product extension optional     notor 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 shasp thickness of the bracket locks  Short circuit  conditional short-circuit current with line-side fuse protection     at 690 V by gG fuse rated value let-through current with closed switch     at 240 V for combination switch + gG fuse maximum     at 440 V for combination switch + gG fuse maximum     permissible  Izt value with closed switch     at 240 V for combination switch + gG fuse maximum     at 440 V for combina	-	Yes
* safety switch     * maintenance/repair switch     Yes  Product details  product feature can be locked into OFF position  **accessories**  product extension optional     * motor drive     * voltage trigger  number of connectable NC contacts for auxiliary contacts attachable maximum  number of connectable NO contacts for auxiliary contacts attachable maximum  number of connectable CO contacts for auxiliary contacts attachable maximum  number of bracket locks described fuse  protection  • at 690 V by gG fuse rated value  • at 240 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  permissible  Izt value with closed switch  • at 240 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum		
maintenance/repair switch     Product details     product feature can be locked into OFF position     accessories  product extension optional		
maintenance/repair switch     Product details     product feature can be locked into OFF position     accessories  product extension optional	<ul> <li>safety switch</li> </ul>	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 connectable CO contacts for auxiliary contacts attachable maximum  number of bracket locks maximum  number of bracket locks maximum  shasp thickness of the bracket locks  conditional short-circuit current with line-side fuse protection  • at 690 V by GG fuse rated value  e 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 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  • 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  • 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  • 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	- maintanan an an Iranair annitala	V
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 waximum  shasp thickness of the bracket locks  Short circuit  conditional short-circuit current with line-side fuse protection  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  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 AA2.s  4 kA2.s  4 kA2.s	<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 bracket locks maximum shasp thickness of the bracket locks  Short circuit  conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum permissible lit 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 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	· .	Yes
<ul> <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 maximum</li> <li>attachable maximum</li> <li>auxiliary contacts</li> <li>4 8 mm</li> </ul> Short circuit conditional short-circuit current with line-side fuse protection <ul> <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 240 V for combination switch + gG fuse maximum</li> <li>at 240 V for combination switch + gG fuse maximum</li> <li>at 240 V for combination switch + gG fuse maximum</li> <li>at 240 V for combination switch + gG fuse maximum</li> <li>at 240 V for combination switch + gG fuse maximum</li> <li>at 240 V for combination switch + gG fuse maximum</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 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> </ul>	Product details	
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     a hasp thickness of the bracket locks  Short circuit  conditional short-circuit current with line-side fuse protection     at 690 V by gG fuse rated value     let-through current with closed switch     at 240 V for combination switch + gG fuse maximum     at 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     permissible  I2t value with closed switch     at 240 V for combination switch + gG fuse maximum	Product details product feature can be locked into OFF position	
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 anabet 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 eat 690 V for combination switch + gG fuse maximum permissible  I2t value with closed switch • at 240 V for combination switch + gG fuse maximum at 240 V for combination switch	Product details product feature can be locked into OFF position accessories	
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 namper of bracket locks maximum shasp thickness of the bracket locks  Short circuit  conditional short-circuit current with line-side fuse protection  • at 690 V by gG fuse rated value let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 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 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 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	Product details product feature can be locked into OFF position accessories product extension optional	Yes
attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum shasp thickness of the bracket locks  4 8 mm  Short circuit  conditional short-circuit current with line-side fuse protection  • at 690 V by gG fuse rated value let-through current with closed switch  • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum permissible  I2t value with closed switch  • 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 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	Product details product feature can be locked into OFF position accessories product extension optional • motor drive • voltage trigger	Yes 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  I2t value 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 • 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	product details product feature can be locked into OFF position accessories  product extension optional	Yes No No
hasp thickness of the bracket locks  Short circuit  conditional short-circuit current with line-side fuse protection  • at 690 V by gG fuse rated value  let-through current with closed switch  • at 240 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum 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 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  • 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	product details product feature can be locked into OFF position accessories  product extension optional	Yes  No No 2
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  • 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	product details product feature can be locked into OFF position  accessories  product extension optional	Yes  No No 2 3 0
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 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	product details product feature can be locked into OFF position  accessories  product extension optional	Yes  No No 2 3 0 3
protection     • at 690 V by gG fuse rated value  let-through current with closed switch     • at 240 V for combination switch + gG fuse maximum     • at 440 V for combination switch + gG fuse maximum     • at 690 V for combination switch + gG fuse maximum     permissible  l2t value with closed switch     • at 240 V for combination switch + gG fuse maximum     • 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	product details product feature can be locked into OFF position  accessories  product extension optional	Yes  No No 2 3 0 3
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 440 V for combination switch + gG fuse maximum	product details product feature can be locked into OFF position  accessories  product extension optional	Yes  No No 2 3 0 3
<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>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 440 V for combination switch + gG fuse maximum</li> <li>4 kA2.s</li> <li>4 kA2.s</li> </ul>	product details product feature can be locked into OFF position  accessories  product extension optional	Yes  No No 2 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>4 kA2.s</li> <li>4 kA2.s</li> </ul>	product details product feature can be locked into OFF position  accessories  product extension optional	Yes  No No 2 3 4 8 mm
<ul> <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>4 kA2.s</li> <li>4 kA2.s</li> </ul>	product details product feature can be locked into OFF position  accessories  product extension optional	Yes  No No 2 3 0 3 4 8 mm
permissible  I2t value with closed switch  • at 240 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  4 kA2.s  4 kA2.s	product details product feature can be locked into OFF position  accessories  product extension optional	Yes  No No 2 3 0 3 4 8 mm
I2t value with closed switch  ■ at 240 V for combination switch + gG fuse maximum  ■ at 440 V for combination switch + gG fuse maximum  4 kA2.s  4 kA2.s	product details product feature can be locked into OFF position  accessories  product extension optional	Yes  No No 2 3 0 3 4 8 mm  50 kA 3.5 kA 3.5 kA
• at 440 V for combination switch + gG fuse maximum 4 kA2.s	product details product feature can be locked into OFF position  accessories  product extension optional	Yes  No No 2 3 0 3 4 8 mm  50 kA 3.5 kA 3.5 kA
	product details product feature can be locked into OFF position  accessories  product extension optional	Yes  No No 2 3 0 3 4 8 mm  50 kA 3.5 kA 3.5 kA
• at 690 V for combination switch + gG fuse maximum 4 kA2.s	product details product feature can be locked into OFF position  accessories  product extension optional	Yes  No No 2 3 4 8 mm  50 kA 3.5 kA 3.5 kA 4 kA
	product details product feature can be locked into OFF position  accessories  product extension optional	Yes  No No No 2 3 4 8 mm  50 kA 3.5 kA 3.5 kA 4 kA
	product details product feature can be locked into OFF position  accessories  product extension optional	Yes  No No No 2 3 0 3 4 8 mm  50 kA 3.5 kA 3.5 kA 4 kA 4 kA
	product details  product feature can be locked into OFF position  accessories  product extension optional	Yes  No No No 2 3 0 3 4 8 mm  50 kA 3.5 kA 3.5 kA 4 kA 4 kA 4 kA 4 kA2.s 4 kA2.s 4 kA2.s 4 kA2.s
for short-circuit protection of the auxiliary switch required  fuse gL/gG: 10 A	product details  product feature can be locked into OFF position  accessories  product extension optional	Yes  No No No 2 3 0 3 4 8 mm  50 kA 3.5 kA 3.5 kA 4 kA 4 kA
	product details product feature can be locked into OFF position  accessories  product extension optional	Yes  No No 2 3 0 3 4 8 mm  50 kA 3.5 kA 3.5 kA 4 kA 4 kA  4 kA2.s 4 kA2.s 4 kA2.s 5 tuse gL/gG: 25 A
operational current of upstream fuse rated value 25 A	product details product feature can be locked into OFF position  accessories  product extension optional	Yes  No No 2 3 0 3 4 8 mm  50 kA 3.5 kA 3.5 kA 4 kA 4 kA 5 kA 4 kA 5 kA 5 kA 5 kA 6

according UL	
operational current at AC according to UL 508/UL 60947- 4-1 rated value	25 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	10
active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value	15
short-time withstand current (SCCR) at 600 V according to UL 508/UL 60947-4-1	5 kA
continuous current of upstream fuse according to UL rated value	50 A
type of fuse according to UL	RK5
Connections	
AWG number as coded connectable conductor cross section solid	
• maximum	8
• minimum	14
type of connectable conductor cross-sections for copper conductor	
• solid	1x (1,516mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	1x (1,510mm²)
• stranded	1x (1,516mm²)
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 $\dots$ 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 $\dots$ 2,5mm²)
type of electrical connection	
for main current circuit	box terminal
for auxiliary contacts	connection terminals
Mechanical Design	
height	164 mm
width	100 mm
depth	118 mm
type of device	fixed mounting
fastening method	Complete unit in enclosure
fastening method	No
4-hole front mounting     front mounting with control attachment	No Voc
<ul> <li>front mounting with central attachment</li> <li>rail mounting</li> </ul>	Yes No
net weight	502 g
Environmental conditions	
ambient temperature during operation  • minimum	-25 °C
minimum     maximum	-25 °C
ambient temperature during storage	
minimum	-25 °C
• maximum	55 °C
General Product Approval	
Contrait Froduct Approval	



Confirmation





Miscellaneous



Declaration of Conformity	Test Certificates	Marine / Shipping	other	
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other

Environmental Confirmations

## Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3LD2164-2TD51-0AE2

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2164-2TD51-0AE2

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

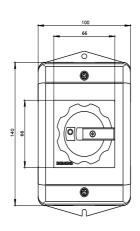
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD2164-2TD51-0AE2

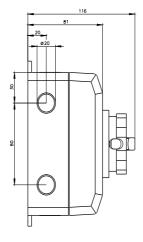
**CAx-Online-Generator** 

http://www.siemens.com/cax

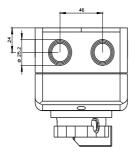
**Tender specifications** 

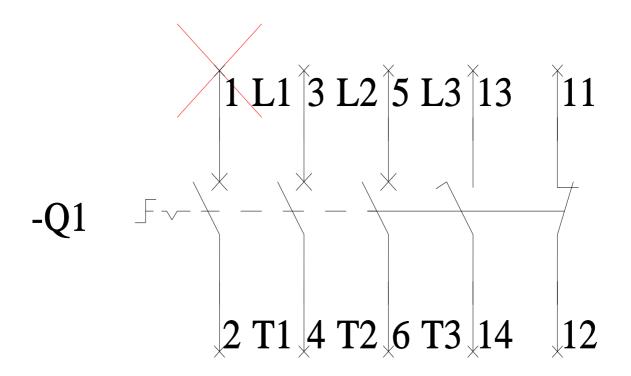
http://www.siemens.com/specifications











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