# **SIEMENS**

Data sheet 3LD2244-0TK51



SENTRON, Switch disconnector 3LD, main switch, 3-pole, lu: 32 A, Operating power / at AC-23 A at 400 V: 11.5 kW, floor mounting with door coupling, rotary operating mechanism, black, central mounting 22.5 mm of the handle

Model	
product brand name	SENTRON
product designation	Switch disconnector
design of the product	Main switch
display version for switch position indicator manual operation	1 ON - 0 OFF
type of switch	Floor mounting with door coupling
design of the actuating element	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	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, 3R, 4X, 12
protection class IP on the front	IP65
Dissipation	
power loss [W] for rated value of the current at AC in hot operating state per pole	1.8 W
Main circuit	
operational current	
• at AC-21 at 690 V rated value	32 A
• at AC-21 A at 240 V rated value	32 A
• at AC-21 A at 400 V rated value	32 A
<ul> <li>at AC-21 A at 440 V rated value</li> </ul>	32 A

operating power  at AC-23 A at 20 V rated value  at AC-23 A at 40 V rated value  at AC-23 A at 40 V rated value  at AC-23 A at 40 V rated value  at AC-32 A at 40 V rated value  at AC-32 A at 40 V rated value  at AC-33 at 20 V rated value  at AC-33 at 20 V rated value  at AC-33 at 20 V rated value  by 55 kW  at AC-33 at 20 V rated value  at AC-33 at 20 V rated value  by 55 kW  at AC-33 at 20 V rated value  can be ac-33 at 20 V rated value  can be ac-33 at 20 V rated value  can be ac-34 at 30 V rated value  continuous current of the auxiliary contacts  con power of NC contacts for auxiliary contacts  con power of NC contacts for auxiliary contacts  con power of NC contacts for auxiliary contacts  continuous current of the auxiliary contact rated value  southability for use switch disconnector  yes  cutability for use maintenancerepair switch  yes  cutability for use maintenancerepair switch  yes  cutability for use maintenancerepair switch  yes  product details  product details  product details  product details  product details  a more of connectable NC contacts for auxiliary contacts  attachable maximum  number of connectable NC contacts for auxiliary contacts  attachable maximum  hasp thickness of the bracket locks  attachable maximum  at 40 V for combination switch + gG fluse maximum  at 40 V for combination switch + gG fluse maximum  at 40 V for combination switch + gG fluse maximum  at 40 V for combination switch + gG fluse maximum  at 40 V for combination switch + gG fluse maximum  at 40 V for combination switch + gG fluse maximum  at 40 V for combination switch + gG fluse maximum  at 40 V for combination switch + gG fluse maximum  at 40 V for combination switch + gG fluse m	at AC-23 A at 400 V rated value	22 A
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e at AC-23 A at 400 V rided value 11.8 kW    at AC-32 A at 400 V rided value 15.8 kW    at AC-33 At 200 V rided value 55.8 kW    at AC-3 at 200 V rided value 55.8 kW    at AC-3 at 200 V rided value 99.8 kW    Acting viceus 4 AC-3 at 200 V rided value 99.8 kW    at AC-3 at 200 V rided value 99.8 kW    Acting viceus 7 AC-3 at 200 V rided value 99.8 kW    Acting viceus 7 AC-3 at 200 V rided value 99.8 kW    Acting viceus 7 AC-3 at 200 V rided value 99.8 kW    Acting viceus 7 AC-3 at 200 V rided value 99.8 kW    Acting viceus 7 AC-3 at 200 V rided value 99.8 kW    Acting viceus 7 AC-3 at 200 V rided value 99.8 kW    Acting viceus 7 AC-3 at 200 V rided value 90.0 v    Acting viceus 7 AC-3 at 200 V rided value 90.0 v    Acting viceus 7 AC-3 at 200 V rided value 90.0 v    Acting viceus 8 AC-3 a		6 kW
and AC-23 A at 440 V rated value bit AC-23 A at 460 V rated value cit AC-23 A at 400 V rated value contains or AC-23 A at 400 V rated value contains or AC-23 A at 400 V rated value contains or AC-23 A at 400 V rated value contains cit AC-23 A at 400 V rated value contains cit AC-23 A at 400 V rated value contains cit AC-23 A at 400 V rated value contains cit AC-23 A at 400 V rated value contains cit AC-23 A at 400 V rated value contains cit AC-23 A at 400 V rated value contains cit AC-23 A at 400 V rated value contains cit AC-23 A at 400 V rated value contains cit AC-23 A at 400 V rated value contains cit AC-23 A at 400 V rated value contains cit AC-23 A at 400 V rated value conditions at hort-circuit current with line-alde fuse protection contains cit AC-23 A at 400 V rated value conditional short-circuit current with line-alde fuse protection contains cit AC-23 A at 440 V for combination switch + gG fuse maximum contains cit AC-23 A at 440 V for combination switch + gG fuse maximum conditional short-circuit current with line-alde fuse protection conditional short-circuit current		
* at AC-23 at 280 V rated value		1 <del>2</del> · · · ·
and AG-3 at 240 Y rated value bit AG-3 at 240 V rated value city Auxiliary circuit mumber of CO contacts for auxiliary contacts number of NC contacts for auxiliary contacts no continuous current of the auxiliary contact at AC maximum number of NC contacts for auxiliary contact at AC maximum number of NC contacts for auxiliary contact at AC maximum number of NC contacts for auxiliary contact at AC maximum number of NC contacts for auxiliary contact at AC maximum number of NC contacts for auxiliary contact at AC maximum number of NC contacts for auxiliary contact at AC number of Contact at Number of Contact at Number of Contact at Number of Contact at Number of Contact bits Number of Contact for auxiliary contacts attachable maximum number of Contactable NC contacts for auxiliary contacts attachable maximum number of Contactable NC contacts for auxiliary contacts attachable maximum number of Contactable NC contacts for auxiliary contacts attachable maximum number of Contactable NC contacts for auxiliary contacts attachable maximum number of Denotectible NC contacts for auxiliary contacts attachable maximum  a 400 V for combination switch + gG fuse maximum  a 440 V for combination switch + gG fuse maximum  a 45 NA  a 1240 V for combination switch + gG fuse maximum  a 440 V for combination switch + gG fuse maximum  a 440 V for combination switch + gG fuse maximum  a 4500 V for combination switch + gG fuse maximum  a 4500 V for combination switch + gG fuse maximum  b 45 NA  a 1240 V for combination switch + gG fuse maximum  a 440 V for combination switch + gG fuse maximum  a 4500 V for combination switch + gG fuse maximum  b 45 NA  a 1250 V for combinat		
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suitability for use SMERGENCY OFF switch Suitability for use asfety switch Yes Suitability for use safety switch Yes Product details Product extension optional - motor drive • voltage trigger No		
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product feature can be locked into OFF position  cossories  product extension optional		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 connectable CO contacts for auxiliary contacts attachable maximum 3 hasp thickness of the bracket locks maximum 3 hasp thickness of the bracket locks maximum 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 440 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 450 V for 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 450 V for combination switch + gG fuse maximum at 450 V for combination switch + gG fuse maximum at 450 V for combination switch + gG fuse maximum at 450 V for combination switch + gG fuse maximum at 450 V for combination switch + gG fuse maximum at 450 V for combination switch + gG fuse maximum at 450 V for combination switch + gG fuse maximum at 450 V for combination switch + gG fuse maximum at 440 V for combination switch + gG fuse maximum at 450 V for combination switch + gG fuse maximum at 450 V for combination switch + gG fuse maximum at 450 V for combination switch + gG fuse maximum at 450 V for combination switch + gG fuse fuse fuse fuse fuse fuse fuse fuse	Product details	
product extension optional  • motor drive  • voltage trigger  number of connectable NC contacts for auxillary contacts attachable maximum number of connectable NC contacts for auxillary contacts attachable maximum  number of connectable OC contacts for auxillary 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  10 kA	product feature can be locked into OFF position	Yes
* motor drive     * voltage trigger     No	accessories	
voltage trigger     number of connectable NC contacts for auxiliary contacts attachable maximum     number of connectable OC contacts for auxiliary contacts attachable maximum     number of connectable OC contacts for auxiliary contacts attachable maximum     number of bracket locks maximum     asapphic tricuit conditional short-circuit current with line-side fuse protection     • at 690 V by gG fuse rated value     1et-through current with closed switch     • at 240 V for combination switch + gG fuse maximum     • at 440 V for	product extension optional	
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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 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 1et-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 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 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 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 240 V for combination switch + gG fuse maximum • 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 combinatio	voltage trigger	No
attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum 3 hasp thickness of the bracket locks Maximum 3 hasp thickness of the bracket locks 48 mm  Short circuit  conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value  fet-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 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 • 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 fuse gL/gG: 40 A  fuse gL/gG: 40		3
attachable 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 690 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 690 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • 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 • 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 • 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 • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the main circuit required • for short-circuit protection of the main circuit required • for short-circuit protec		5
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  50 kA  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 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  • 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  • fuse gL/gG: 10 A  operational current of upstream fuse rated value  20 coording UL  operational current at AC according to UL 508/UL 60947-4-1  rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL  60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL  60947-4-1 rated value		0
Short circuit  conditional short-circuit current with line-side fuse protection  • at 690 V by gG fuse rated value  10	number of bracket locks maximum	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 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 690 V for combination switch + gG fuse maximum  • for short-circuit protection of the main circuit required  • for short-circuit protection of the main circuit required  • for short-circuit protection of the auxiliary switch required  operational current of upstream fuse rated value  according UL  operational current at AC according to UL 508/UL 60947-4-1  rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL  60947-4-1 rated value  active power (hp) at AC at 480 V according to UL 508/UL  60947-4-1 rated value  active power (hp) at AC at 600 V according to UL 508/UL  60947-4-1 rated value	hasp thickness of the bracket locks	4 8 mm
protection	Short circuit	
let-through current with closed switch  • at 240 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 690 V for combination switch + gG fuse maximum  • at 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 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 required  • for short-circuit protection of the auxiliary switch required  operational current of upstream fuse rated value  according UL  operational current at AC according to UL 508/UL 60947-4-1  rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL  60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL  60947-4-1 rated value  active power [hp] at AC at 600 V according to UL 508/UL  60947-4-1 rated value		
at 240 V for combination switch + gG fuse maximum at 240 V for combination switch + gG fuse maximum at 35 kA  at 690 V for combination switch + gG fuse maximum permissible  12t value with closed switch 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 be at 440 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be for short-circuit protection of the main circuit required be for short-circuit protection of the auxiliary switch required be for short-circuit protection of the auxiliary switch required be for short-circuit protection of the auxiliary switch required be operational current at AC according to UL 508/UL 60947-4-1 coperational current at AC according to UL 508/UL 60947-4-1 coperational current at AC at 50/60 Hz according to UL 508/UL coperating voltage at AC at 50/60 Hz according to UL 508/UL coperating voltage at AC at 480 V according to UL 508/UL coperating voltage at AC at 480 V according to UL 508/UL coperating voltage at AC at 50/60 Hz according to UL 508/UL coperating voltage at AC at 480 V according to UL 508/UL coperating voltage at AC at 50/60 Hz according to UL 508/UL coperating voltage at AC at 480 V according to UL 508/UL coperating voltage at AC at 480 V according to UL 508/UL coperating voltage at AC at 480 V according to UL 508/UL coperating voltage at AC at 480 V according to UL 508/UL coperating voltage at AC at 600 V according to UL 508/UL coperating voltage at AC at 600 V according to UL 508/UL coperating voltage at AC at 600 V according to UL 508/UL coperating voltage at AC at 600 V according to UL 508/UL coperating voltage at AC at 600 V according to UL 508/UL coperating voltage at AC at 600 V according to UL 508/UL coperating voltage at AC at 600 V according to UL 508/UL coperating voltage at AC at 600 V according to UL 508/UL coperating voltage at AC at 600 V according to UL 508/UL coper	at 690 V by gG fuse rated value	50 kA
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 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 be at 440 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be for short-circuit protection of the main circuit required be for short-circuit protection of the auxiliary switch required be for short-circuit protection of the auxiliary switch required be for short-circuit protection of the auxiliary switch required be for short-circuit protection of the auxiliary switch required be for short-circuit protection of the auxiliary switch required be for short-circuit protection of the auxiliary switch required be fuse gL/gG: 10 A  coperational current at AC according to UL 508/UL 60947-4-1  coperational current at AC according to UL 508/UL 60947-4-1  coperational current at AC at 50/60 Hz according to UL 508/UL  coperating voltage at AC at 50/60 Hz according to UL 508/UL  coperating voltage at AC at 480 V according to UL 508/UL  coperating voltage at AC at 480 V according to UL 508/UL  coperating voltage at AC at 480 V according to UL 508/UL  coperating voltage at AC at 480 V according to UL 508/UL  coperating voltage at AC at 480 V according to UL 508/UL  coperating voltage at AC at 480 V according to UL 508/UL  coperating voltage at AC at 480 V according to UL 508/UL  coperating voltage at AC at 480 V according to UL 508/UL  coperating voltage at AC at 480 V according to UL 508/UL  coperating voltage at AC at 480 V according to UL 508/UL  coperating voltage at AC at 480 V according to UL 508/UL  coperating voltage at AC at 480 V according to UL 508/UL  coperating voltage at AC at 480 V according to UL 508/UL  coperating voltage at AC at 480 V according to UL 508/UL  coperating voltage at AC at 480 V according to UL 508/UL  coperatin	let-through current with closed switch	
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 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  be at 690 V for combination switch + gG fuse maximum  fuse gL/gG: 40 A  for short-circuit protection of the main circuit required  fuse gL/gG: 10 A  operational current of upstream fuse rated value  according UL  operational current at AC according to UL 508/UL 60947-4-1 rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL  60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL  60947-4-1 rated value  active power [hp] at AC at 600 V according to UL 508/UL  60947-4-1 rated value  20	• at 240 V for combination switch + gG fuse maximum	4.5 kA
Dermissible	• at 440 V for combination switch + gG fuse maximum	4.5 kA
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 by kA2.s  design of the fuse link after for short-circuit protection of the main circuit required fuse gL/gG: 40 A for short-circuit protection of the auxiliary switch required fuse gL/gG: 10 A  operational current of upstream fuse rated value  according UL operational current at AC according to UL 508/UL 60947-4-1 rated value operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value  20 60947-4-1 rated value	•	5 kA
at 440 V for combination switch + gG fuse maximum at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be at 690 V for combination switch + gG fuse maximum be sk2.s  design of the fuse link be for short-circuit protection of the main circuit required be for short-circuit protection of the auxiliary switch required be operational current of upstream fuse rated value  according UL  operational current at AC according to UL 508/UL 60947-4-1 rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value  20 60947-4-1 rated value	I2t value with closed switch	
at 690 V for combination switch + gG fuse maximum  be for short-circuit protection of the main circuit required  fuse gL/gG: 40 A  for short-circuit protection of the auxiliary switch required  operational current of upstream fuse rated value  according UL  operational current at AC according to UL 508/UL 60947-4-1  rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL  60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL  60947-4-1 rated value  active power [hp] at AC at 600 V according to UL 508/UL  60947-4-1 rated value  20  20  20	• at 240 V for combination switch + gG fuse maximum	9 kA2.s
design of the fuse link  • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value  according UL  operational current at AC according to UL 508/UL 60947-4-1 rated value operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value	• at 440 V for combination switch + gG fuse maximum	9 kA2.s
● 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 main circuit required     ● for short-circuit protection of the main circuit required     ● for short-circuit protection of the main circuit required     ● for short-circuit protection of the main circuit required     ● 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     ● fuse gL/gG: 40 A     ● fuse gL/gG: 10 A     ● A     ■ A	• at 690 V for combination switch + gG fuse maximum	9 kA2.s
● for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value  according UL operational current at AC according to UL 508/UL 60947-4-1 rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value  20 60947-4-1 rated value	design of the fuse link	
operational current of upstream fuse rated value  according UL  operational current at AC according to UL 508/UL 60947-4-1 rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value  20 60947-4-1 rated value	• for short-circuit protection of the main circuit required	fuse gL/gG: 40 A
operational current at AC according to UL 508/UL 60947-4-1 rated value operating voltage at AC at 50/60 Hz according to UL 508/UL 600 V 60947-4-1 rated value active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value active power [hp] at AC at 600 V according to UL 508/UL 20 60947-4-1 rated value	• for short-circuit protection of the auxiliary switch required	fuse gL/gG: 10 A
operational current at AC according to UL 508/UL 60947-4-1 rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value  20 60947-4-1 rated value	operational current of upstream fuse rated value	40 A
rated value  operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value	according UL	
60947-4-1 rated value  active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value  active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value		32 A
active power [hp] at AC at 600 V according to UL 508/UL 20 60947-4-1 rated value		600 V
60947-4-1 rated value		20
short-time withstand current (SCCR) at 600 V according to 5 kA		20
	short-time withstand current (SCCR) at 600 V according to	5 kA

UL 508/UL 60947-4-1	
continuous current of upstream fuse according to UL rated	80 A
value	60 A
type of fuse according to UL	RK5
Connections	
AWG number as coded connectable conductor cross section solid maximum	
•	8
•	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 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)
type of electrical connection	
<ul> <li>for main current circuit</li> </ul>	box terminal
<ul> <li>for auxiliary contacts</li> </ul>	connection terminals
Mechanical Design	
height	84 mm
width	67 mm
depth	451.5 mm
type of device	fixed mounting
fastening method	Built-in unit fixed-mounted version
fastening method	
• 4-hole front mounting	No
<ul> <li>front mounting with central attachment</li> </ul>	Yes
• rail mounting	Yes
net weight	410 g
Environmental conditions	
ambient temperature during operation	
• minimum	-25 °C
• maximum	55 °C
ambient temperature during storage	
• minimum	-25 °C
• maximum	55 °C
Approvals Certificates	

## General Product Approval









Confirmation





General Product Approval

Marine / Shipping

other

Miscellaneous









Miscellaneous

other Environment

<u>Confirmation</u> <u>Environmental Confirmations</u>

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=3LD2244-0TK51

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD2244-0TK51

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD2244-0TK51

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

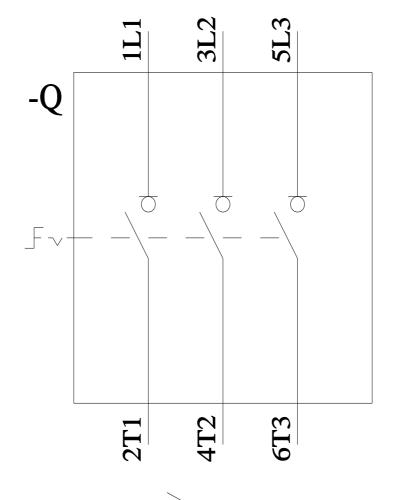
http://www.siemens.com/specifications

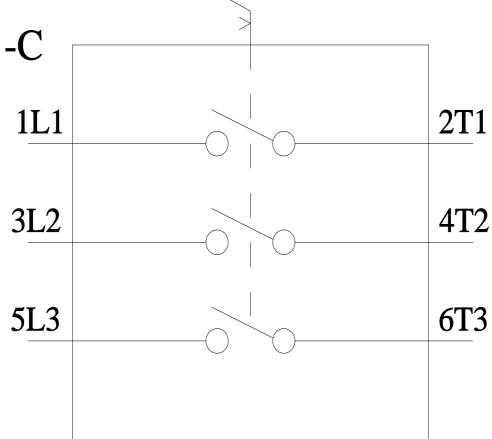












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