# **SIEMENS**

Data sheet 3LD2213-0TK51



SENTRON, Switch disconnector 3LD, main switch, 3-pole, Iu: 32 A, Operating power / at AC-23 A at 400 V: 11.5 kW, floor mounting with door coupling, rotary operating mechanism, black, 4-hole mounting 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
• at AC-21 A at 440 V rated value	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 20 V rated value  continuous current of the auxiliary contacts  con unarbe of NC contacts for auxiliary contacts  continuous current of the auxiliary contact rated value  southability for use switch disconnector  yes  suitability for use switch disconnector  yes  suitability for use switch disconnector  yes  suitability for use maintenancerepair switch  yes  product details  product details on be locked into OFF position  we accessed insection optional  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  a 46 80 V for combination switch + gG fluse maximum  at 46 0V for combination switch + gG fluse maximum  at 46 0V for combination switch + gG fluse maximum  at 46 0V for combination switch + gG fluse maximum  at 46 0V for combination switch + gG fluse maximum  at 46 0V for combination switch + gG fluse maximum  at 46 0V for combination switch + gG fluse maximum  at 46 0V for combination switch + gG fluse maximum  at 46 0V for combination swi	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 at 200 V rided value 90.0 v    Acting viceus 90.0 v    Acting viceus 90.0 v     Acting viceus 90.0 v     Acting viceus 90.0 v     Acting viceus 90.0 v     Ac		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 protect		
* 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 bit 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 Denote Club 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 4500 V for combination switch + gG fuse maximum  a 4600 V for combination switch + gG fuse maximum  a 4500 V for combination switch + gG fuse maximum  a 4600 V for combination switch + gG fuse maximum  a 4600 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  a 4500 V for combination switch + gG fuse maximum  a 4500 V for combination switch + gG fuse maxim		
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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 1et-through current with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse 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	
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 switch  * at 690 V by gG fuse rated value * at 440 V for combination switch + gG fuse maximum * at 440 V for combination switch + gG fuse maximum * at 690 V 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 4690 V for combination switch + gG fuse maximum * at 4690 V for combination switch + gG fuse maximum * at 4690 V for combination switch + gG fuse maximum * at 690 V for combination sw	<ul> <li>motor drive</li> </ul>	No
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		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 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  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

continuous current of upstream fuse according to UL rated value         RK5           Connections         AWG number as coded connectable conductor cross section solld maximum         8           AWG number as coded connectable conductor cross section solld maximum         8           4 (**)         14           type of connectable conductor cross-sections for cooper conductor         1 (x (1,516mm²)           4 (sinely stranded with core end processing and fund of the finely stranded with core end processing and finely stranded and finely stranded with core end processing and finely stranded and finely stranded with core end processing and finely stranded and finely stranded with core end processing and finely stranded and finely stranded with core end processing and finely stranded a	UL 508/UL 60947-4-1	
Type of fuse according to UL  AWG number as coded connectable conductor cross section solid maximum  AWG number as coded connectable conductor cross section solid maximum  AWG number as coded connectable conductor cross-sections for copper conductor  - solid  - indiey stranded with core end processing - stranded  type of connectable conductor cross-sections for auxiliary contacts  - solid - indiey stranded with core end processing - solid - indiey stranded with core end processing - solid - indiey stranded with core end processing - solid - indiey stranded with core end processing - solid - indiey stranded with core end processing - solid - indiey stranded with core end processing - solid - indiey stranded with core end processing - solid - indiey stranded with core end processing - stranded - indien with core end processing - solid - indien with core end processing - indien with	continuous current of upstream fuse according to UL rated	80 A
AWG number as coded connectable conductor cross section solid maximum  • a		Dive
AWG number as coded connectable conductor cross section solid maximum    Section solid maximum   Secti		RK5
section solid maximum  Processing and section solid maximum as a section solid and s		
type of connectable conductor cross-sections for copper conductor  solid finely stranded with core end processing stranded  type of connectable conductor cross-sections for auxiliary contacts  solid solid solid stranded  type of connectable conductor cross-sections for auxiliary contacts stranded stranded with core end processing stranded with	•	8
condid         st (1,516mm²)           s solid         1x (1,516mm²)           s finely stranded with core end processing         1x (1,516mm²)           type of connectable conductor cross-sections for auxiliary contacts         connectable conductor cross-sections for auxiliary contacts           solid         (aleral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)           s finely stranded with core end processing         lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm²           s stranded         lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm²           s per delectrical connection         connection auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm²           s per of electrical connection         box terminal           of or auxiliary contacts         box terminal           of or auxiliary contacts         box terminal           beight         83 mm           width         67 mm           depth         451.5 mm           type of device         fixed mounting           fastening method         Bull-1 unit fixed-mounted version           fastening method         Pack           e front mounting with central attachment         No           or all mounting         9	•	14
• finely stranded         1x (1,510mm²)           type of connectable conductor cross-sections for auxillary contacts         solid           • solid         lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)           • finely stranded with core end processing         lateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm², front auxiliary switch 1x 2,5mm²           • stranded         lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x 2,5mm²           • stranded connection         obx terminal           • for main current circuit         obx terminal           • for auxiliary contacts         obx terminal           • for auxiliary contacts         obx terminal           • for auxiliary contacts         obx terminal           • for men         451.5 mm           • for device         fixed mounting           • fastening method         fixed mounting           • 4-hole front mounting         Yes           • front mounting with central attachment         No           • 4-hole front mounting with central attachment         No           • roll mounting         Yes           • roll mounting operation         25 °C           • minimum         -25 °C           • minimum         -25 °C           • minimum         -25 °C	<b>7</b> 1	
type of connectable conductor cross-sections for auxiliary contacts  • solid  • finely stranded with core end processing • stranded  • str	• solid	1x (1,516mm²)
type of connectable conductor cross-sections for auxiliary contacts         Iateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)           • solid         Iateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm²; front auxiliary switch 1x (0,75 2,5mm²)           • stranded         Iateral auxiliary switch 2x (0,75 1,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)           • stranded         Iateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)           type of electrical connection         Iateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)           • for main current circuit         box terminal           • for auxiliary contacts         connection terminals           verminal         83 mm           width         67 mm           depth         451.5 mm           type of device         fixed mounting           fastening method         Built-runtifixed-mounted version           astening method         Yes           • 4-hole front mounting with central attachment         No           • roll mounting with central attachment         No           • roll mounting         25 °C           environmental conditions         25 °C           employed         25 °C           environmental conditions         25 °C </td <td><ul> <li>finely stranded with core end processing</li> </ul></td> <td>1x (1,510mm²)</td>	<ul> <li>finely stranded with core end processing</li> </ul>	1x (1,510mm²)
contacts  • solid lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)  • finely stranded with core end processing stranded 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	stranded	1x (1,516mm²)
• stranded         2,5mm²           lateral auxilliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)           type of electrical connection         • for main current circuit         box terminal           • for auxiliary contacts         connection terminals           Mechanical Design           Mechanical Design           width         67 mm           depth         451.5 mm           type of device         fixed mounting           fastening method         Built-in unit fixed-mounted version           fastening method         Yes           • 4-hole front mounting         Yes           • front mounting with central attachment         No           • rail mounting         Yes           net weight         392 g           Environmental conditions         25 °C           ambient temperature during operation         55 °C           • minimum         -25 °C           • maximum         -25 °C           • minimum         -25 °C           • minimum         -25 °C           • minimum         -55 °C	• solid	
type of electrical connection	• finely stranded with core end processing	
● for main current circuit         box terminal           ● for auxiliary contacts         connection terminals           Mechanical Design         83 mm           width         67 mm           depth         451.5 mm           type of device         fixed mounting           fastening method         Built-in unit fixed-mounted version           ● 4-hole front mounting         Yes           ● front mounting with central attachment         No           ● rail mounting         Yes           net weight         392 g           Environmental conditions         392 g           Environmental conditions         -25 °C           ambient temperature during operation         -55 °C           e maximum         -25 °C           e minimum         -25 °C           e minimum         -25 °C           e minimum         -55 °C	• stranded	
• for auxiliary contacts  Mechanical Design  height 83 mm  width 67 mm  depth 451.5 mm  type of device fixed mounting fastening method  • 4-hole front mounting with central attachment No  • rail mounting  rail mounting  method 392 g  Environmental conditions  ambient temperature during operation  • minimum -25 °C  ambient temperature during storage  • minimum  • minimum  • -25 °C  ambient temperature during storage  • minimum  • minimum  • -25 °C  ambient temperature during storage  • minimum  • -25 °C  ambient temperature during storage  • minimum  • -25 °C  • maximum  55 °C	type of electrical connection	
height 83 mm width 67 mm depth 451.5 mm type of device fixed mounting fastening method Built-in unit fixed-mounted version fastening method Yes  • 4-hole front mounting Yes  • front mounting with central attachment No  • rail mounting  net weight 392 g  Environmental conditions  ambient temperature during operation  • minimum  • maximum  - 25 °C  ambient temperature during storage  • minimum  • minimum  • -25 °C  ambient temperature during storage  • minimum  • minimum  • -25 °C  55 °C	• for main current circuit	box terminal
height     83 mm       width     67 mm       depth     451.5 mm       type of device     fixed mounting       fastening method     Built-in unit fixed-mounted version       4-hole front mounting     Yes       front mounting with central attachment     No       rail mounting     Yes       net weight     392 g       environmental conditions       ambient temperature during operation     -25 °C       e maximum     55 °C       ambient temperature during storage     - minimum       e minimum     -25 °C       e minimum     -55 °C       e maximum     55 °C	<ul> <li>for auxiliary contacts</li> </ul>	connection terminals
width 67 mm  depth 451.5 mm  type of device fixed mounting  fastening method Built-in unit fixed-mounted version  fastening method Yes  front mounting with central attachment No  rail mounting with central attachment Yes  net weight 392 g  revironmental conditions  ambient temperature during operation  minimum -25 °C  ambient temperature during storage  minimum -55 °C	Mechanical Design	
depth 451.5 mm  type of device fixed mounting  fastening method Built-in unit fixed-mounted version  fastening method	height	83 mm
fastening method fastening method  • 4-hole front mounting • front mounting with central attachment • rail mounting  net weight  invironmental conditions  ambient temperature during operation • maximum • minimum • maximum • c25 °C • c	width	67 mm
Fastening method  • 4-hole front mounting • front mounting with central attachment • rail mounting  net weight  Environmental conditions  ambient temperature during operation • maximum  • minimum • c-25 °C  ambient temperature during storage • minimum • minimum • -25 °C  ambient temperature during storage • minimum • maximum  55 °C	depth	451.5 mm
fastening method  • 4-hole front mounting • front mounting with central attachment • rail mounting  ret weight  **Environmental conditions**  **ambient temperature during operation • minimum • minimum • c25 °C  **ambient temperature during storage • minimum • minimum • 55 °C  **ambient temperature during storage • minimum • c25 °C  **ambient temperature during storage • minimum • c35 °C  **ambient temperature during storage • minimum • c35 °C	type of device	fixed mounting
4-hole front mounting     front mounting with central attachment     rail mounting     ret weight     392 g  Intervironmental conditions  ambient temperature during operation     minimum     maximum     55 °C  ambient temperature during storage     minimum     -25 °C  ambient temperature during storage     minimum     55 °C  ambient temperature during storage     minimum     55 °C	fastening method	Built-in unit fixed-mounted version
front mounting with central attachment         rail mounting         Yes  net weight         392 g  Environmental conditions  ambient temperature during operation	fastening method	
● rail mounting Yes   net weight 392 g   Environmental conditions   ambient temperature during operation -25 °C   ● maximum 55 °C   ambient temperature during storage -25 °C   ● minimum -25 °C   ● maximum 55 °C	• 4-hole front mounting	Yes
net weight  Environmental conditions  ambient temperature during operation  • minimum  • maximum  55°C  ambient temperature during storage  • minimum  • maximum  55°C	<ul> <li>front mounting with central attachment</li> </ul>	No
ambient temperature during operation      minimum	• rail mounting	Yes
ambient temperature during operation	net weight	392 g
● minimum         -25 °C           ● maximum         55 °C           ambient temperature during storage           ● minimum         -25 °C           ● maximum         55 °C	Environmental conditions	
● maximum     55 °C       ambient temperature during storage     -25 °C       ● minimum     -25 °C       ● maximum     55 °C	ambient temperature during operation	
ambient temperature during storage	• minimum	-25 °C
<ul> <li>minimum</li> <li>-25 °C</li> <li>maximum</li> <li>55 °C</li> </ul>	• maximum	55 °C
• maximum 55 °C	ambient temperature during storage	
	• minimum	-25 °C
Approvals Certificates	• 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=3LD2213-0TK51

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2213-0TK51

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD2213-0TK51

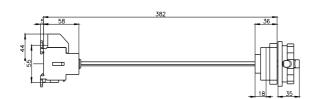
#### CAx-Online-Generator

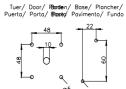
http://www.siemens.com/cax

Tender specifications

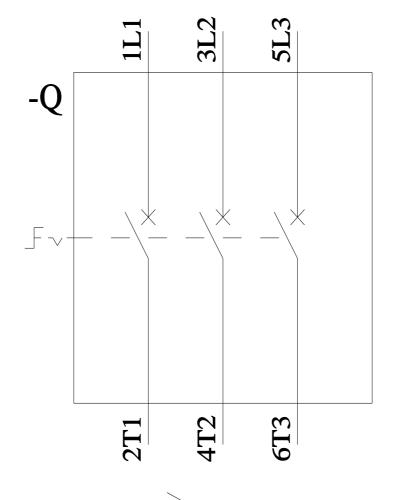
http://www.siemens.com/specifications

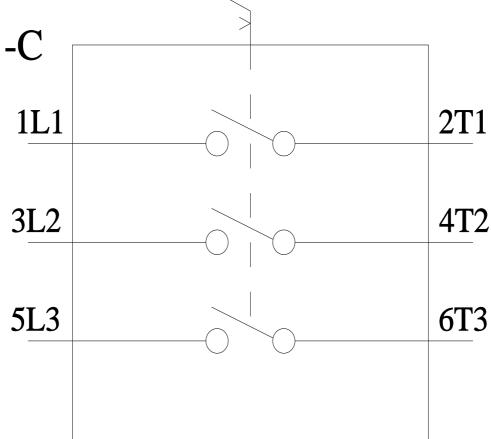












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