# **SIEMENS**

## **Data sheet**

3LD2264-2TX51-0US2



SENTRON, Switch disconnector 3LD, main switch, 3-pole, lu: 32 A, Operating power / at AC-23 A at 400 V: 11.5 kW, molded-plastic encapsulation for inch cable gland, 1 NC, 3 NO, rotary operating mechanism, black

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	Molded-plastic enclosure for inch 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
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	1.8 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
<ul> <li>at AC-23 A at 400 V rated value</li> </ul>	22 A

operating prover            A A-22 A at 450 V rated value    A A-23 A at 580 V rated value   A A-23 A at 580 V rated value  A A-24 A at 580 V rated value  A A-25 A at 580 V rated value		
## AR AC-32 A at 400 V rated value	operating power	alw.
and AC-29 A att 440 V related value but AC-29 A att 900 V related value cut AC-39 Att 900 V related value c		
** At AC-3 at 45 60 V rated value		
e at AC-3 at 490 V rated value for AC-3 at 490 V rated value solver at 40-3 at 490 V rated value solver at 40-3 at 490 V rated value solver at 40-3 at 490 V rated value solver at 40-4 value solver a		
and AC-3 at 460 V rated value at AC-3 at 460 V rated value 9.5 kW  Auxiliary circuit number of CO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 3 poperatiny voltage of auxiliary contact at AC maximum 500 V continuous current of the auxiliary contact rated value 10 A national voltage of the auxiliary with rated value 10 A national voltage of the auxiliary with rated value 10 A national voltage of the auxiliary with rated value 10 A national voltage of the auxiliary with rated value 10 A national voltage of the auxiliary with rated value 10 A national voltage of the auxiliary with rated value 10 A national voltage of the auxiliary with rated value 10 A national voltage of the auxiliary with rated value 10 A normal v		
Auxiliary circuit  number of CO contacts for auxiliary contacts  number of CO contacts for auxiliary contacts  1 number of NC contacts for auxiliary contacts  3 operating voltage of auxiliary contacts at AC maximum  continuous current of the auxiliary contact at the Value  stratisticity  substitution voltage of the auxiliary witch rated value  500 V  surfaciliary  substitution voltage of the auxiliary witch rated value  500 V  surfaciliary  substitution voltage of the auxiliary witch rated value  500 V  surfaciliary  substitution voltage of the auxiliary witch rated value  500 V  surfaciliary  substitution voltage of the auxiliary witch rated value  500 V  surfaciliary  substitution voltage of the auxiliary witch rated value  500 V  surfaciliary  500 V  surfaciliary  500 V		
Auxiliary circuit number of ICO contacts for auxiliary contacts 1 number of ICO contacts for auxiliary contacts 1 number of ICO contacts for auxiliary contacts 3 perating voltage of auxiliary contacts 3 continuous current of the auxiliary switch rated value 10 A resultation voltage of the auxiliary switch rated value 500 V  Similarity for use 1 main switch 2 witch disconnector 2 Yes 2 which disconnector 3 witch disconnector 4 Yes 2 which disconnector 4 Yes 2 which disconnector 5 Yes 2 which disconnector 5 Yes 2 which disconnector 6 yes 2 which disconnector 7 Yes 2 which disconnector 9 Yes 2 which disconnecto		
number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts operating votage of auxiliary contacts at AC maximum 500 V continuous current of the auxiliary contact rated value insulation votage of the auxiliary switch rated value subtability for use insulation votage of the auxiliary switch rated value insulation votage votage insulation votage insul		9.5 kW
number of NC contacts for auxiliary contacts 3   number of NC contacts for auxiliary contacts 3   perating voltage of auxiliary contacts at AC maximum 500 V  continuous current of the auxiliary contact stated value 500 V   Suitability for use    • main switch		
number of NO contacts for auxiliary contacts at AC maximum 500 V continuous current of the auxiliary switch rated value 500 V stateshity surbaility for use — main switch switch rated value 500 V stateshity surbaility for use — main switch 9 keep 100 V yes — which disconnector 4 yes — which disconnector 4 yes — which disconnector 4 yes — which disconnector 5 yes — which disconnector 5 yes — which disconnector 6 yes — which disconnector 7 yes — which disconnector 8 yes — which 1 yes — which disconnector 9 yes — which 1 yes — which disconnector 9 yes — which 1 yes — which 2 yes — which 1 yes — which 1 yes — which 1 yes — which 1 yes — which 2 yes —	·	
operating voltage of auxiliary contacts at AC maximum 500 V Continuous current of the auxiliary contact rated value 500 V Sintability suitability for use  * main switch * exitch disconnector * exitc		
continuous current of the auxiliary contact rated value Insulation votage of the auxiliary switch rated value S00 V Stribbility Sulfability for use  • main switch • switch disconnector • KINERCENCY OFF switch • switch disconnector • EMERCENCY OFF switch • safety switch • yes  • maintenance/repair switch • Yes  Product distalls  product deature can be locked into OFF position • recessories  product elevension optional • motor drive • votage trigger  number of connectable VC contacts for auxiliary contacts • attachable maximum  number of connectable VC contacts for auxiliary contacts • attachable maximum  number of connectable VC contacts for auxiliary contacts • attachable maximum  number of tracket locks maximum  number of tracket locks maximum  has princiness of the bracket locks • 4 8 mm  Short circuit  conditional short-circuit current with line-side fuse protection • at 600 V by gG fuse radio value  12t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 600 V for combination switch + gG fuse maximum • at 600 V for combination switch + gG fuse maximum • at 600 V for combination switch + gG fuse maximum • at 600 V for combination switch + gG fuse maximum • at 600 V for combination switch + gG fuse maximum • at 600 V for combination switch + gG fuse maximum • at 600 V for combination switch + gG fuse maximum • at 600 V for combination switch + gG fuse maximum • at 600 V for combination switch + gG fuse maximum • at 600 V for combination switch + gG fuse maximum • at 600 V for combination switch + gG fuse maximum • at 600 V for combination switch + gG fuse maximum • at 600 V for combination switch + gG fuse maximum • at 600 V for combination switch + gG fuse maximum • at 600 V for combination switch + gG fuse maximum • at 600 V for combination switch + gG fuse maximum • at 600 V for combination switch + gG fuse maximum • at 600 V for combination switch + gG fuse maxi	<u> </u>	
Insulation votage of the auxiliary switch rated value  Suitability for use  main switch switch disconnector EMERGENCY OFF switch sindiffication of the auxiliary switch sindiffication of the switch switch of the switch of the switch switch of the sw		
Sultability for use  • main switch • switch disconnector • EMERGENCY OFF switch • switch disconnector • EMERGENCY OFF switch • safety switch • yes  Product details  not safe a s	·	
suitability for use  main switch  switch disconnector  eMERCENCY OFF switch  e safety switch  maintenance/repair switch  Product feature can be locked into OFF position  yes  cossories  product feature can be locked into OFF position  yes  cossories  product reature can be locked into OFF position  yes  cossories  product extension optional  motor drive  voltage trigger  No  number of connectable NC contacts for auxiliary contacts attachable maximum  number of connectable NC contacts for auxiliary contacts attachable maximum  number of connectable NC contacts for susiliary contacts attachable maximum  number of connectable NC contacts for susiliary contacts attachable maximum  number of bracket locks maximum  sumber of connectable NC contacts for susiliary contacts attachable maximum  number of bracket locks dusting attachable maximum  number of for nonectable NC contacts for susiliary contacts attachable maximum  number of bracket locks dusting attachable maximum  number of for nonectable NC contacts for susiliary contacts attachable maximum  number of for nonectable NC contacts for susiliary contacts attachable maximum  number of connectable NC contacts for susiliary contacts attachable maximum  number of for for bracket locks dusting  3 hass ptinchness of the bracket locks  Short circuit  conditional short-circuit current with line-side fuse protection  at 880 V by gG fuse rated value  50 kA  let-through current with loased switch  at 480 V for combination switch + gG fuse maximum  at 480 V for combination switch + gG fuse maximum  at 480 V for combination switch + gG fuse maximum  at 480 V for combination switch + gG fuse maximum  at 480 V for combination switch + gG fuse maximum  at 480 V for combination switch + gG fuse maximum  at 480 V for combination switch + gG fuse maximum  at 480 V for combination switch + gG fuse maximum  at 480 V for combination switch + gG fuse maximum  at 480 V for combination switch + gG fuse maximum  at 480 V for combination switch + gG fuse maximum  at 480 V for combination s		500 V
* main switch     * switch disconnector     * EMERIGENCY OFF switch     * safety switch     * safety switch     * maintenance/repair switch     * remaintenance/repair switch     * remotor distable     * product deature can be locked into OFF position     * remotor distable     * remotor drive     * voltage trigger     * No     * unumber 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 remetable CO contacts for auxiliary contacts     * attachable maximum     * number of tracket locks maximum     * ansphickness of the bracket locks     * 4 8 mm     * maximum     * ansphickness of the bracket locks     * 4 8 mm     * short circuit     * conditional short-circuit current with line-side fuse protection     * at 800 V by gG fuse rated value     * at 800 V by G for combination switch + gG fuse maximum     * at 440 V for combination switch + gG fuse maximum     * at 440 V for combination switch + gG fuse maximum     * at 480 V for combination switch + gG fuse maximum     * at 480 V for combination switch + gG fuse maximum     * at 480 V for combination switch + gG fuse maximum     * at 480 V for combination switch + gG fuse maximum     * at 480 V for combination switch + gG fuse maximum     * at 480 V for combination switch + gG fuse maximum     * at 480 V for combination switch + gG fuse maximum     * at 480 V for combination switch + gG fuse maximum     * at 480 V for combination switch + gG fuse maximum     * at 480 V for combination switch + gG fuse maximum     * at 480 V for combination switch + gG fuse maximum     * at 480 V for combination switch + gG fuse maximum     * at 480 V for combination switch + gG fuse maximum		
Switch disconnector  EMERGENCY OFF switch  Safety switch  maintenance/repair switch  Yes  Product feature can be locked into OFF position  Yes  **Cocassorias**  product extension optional  motor drive  voltage trigger  No  number of connectable NC contacts for auxiliary contacts  attachable maximum  number of connectable NC contacts for auxiliary contacts  attachable maximum  number of connectable 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 onestable CO contacts for auxiliary contacts  attachable maximum  number of bracket locks maximum  3  hasp thickness of the bracket locks  Short circuit  conditional short-circuit current with line-side fuse protection  at 240 V by gG fuse rated value  1 at 440 V for combination switch + gG fuse maximum  at 440 V for combination switch + gG fuse maximum  at 440 V for combination switch + gG fuse maximum  at 440 V for combination switch + gG fuse maximum  at 440 V for combination switch + gG fuse maximum  at 440 V for combination switch + gG fuse maximum  at 440 V for combination switch + gG fuse maximum  at 440 V for combination switch + gG fuse maximum  at 440 V for combination switch + gG fuse maximum  at 440 V for combination switch + gG fuse maximum  at 440 V for combination switch + gG fuse maximum  by KA2.s  4 5 KA  4 6 SO V for combination switch + gG fuse maximum  by KA2.s  4 6 SO V for combination switch + gG fuse maximum  conditional current of protection of the auxiliary switch required  for short-circuit protection of the auxiliary switch required  for short-circ	•	
EMERGENCY OFF switch  safety switch  safety switch  raintenance/repair switch  Yes  Product dotails  product feature can be locked into OFF position  Yes  Product extension optional  motor drive  voltage trigger  No  number of connectable NC contacts for auxiliary contacts attachable maximum  number of connectable NC contacts for auxiliary contacts attachable maximum  number of connectable 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  nasp thickness of the bracket locks  4 8 mm  Short circuit  conditional short-circuit current with line-side fuse protection  at 560 V by gG fuse rated value  50 kA  let-through current with closed switch  at 240 V for combination switch + gG fuse maximum  at 440 V for combination switch + gG fuse maximum  at 440 V for combination switch + gG fuse maximum  at 240 V for combina		
* safety switch     * maintenance/repair switch     * Yes     * maintenance/repair switch     * Yes     * maintenance/repair switch     * Yes     * moduct details     * product setature can be locked into OFF position     * emotor drive     * voltage trigger     * No     * voltage trigger     * No     * unmer of connectable NC contacts for auxiliary contacts     * attachable maximum     * number of connectable NO contacts for auxiliary contacts     * attachable maximum     * number of bracket locks of the waximum     * attachable maximum     * as path trickness of the bracket locks     * 4 8 mm  Short circuit     * at 690 V by GG fuse rated value     * at 690 V for combination switch + gG fuse maximum     * at 440 V for combination switch + gG fuse maximum     * at 480 V for combination switch		
Product details product feature can be locked into OFF position sccessories product extension optional		
Product feature can be locked into OFF position  Product extension optional  motor drive  voltage trigger  number of connectable NC contacts for auxiliary contacts attachable maximum  number of connectable NC contacts for auxiliary contacts attachable maximum  number of connectable NC contacts for auxiliary contacts attachable maximum  number of connectable NC contacts for auxiliary contacts attachable maximum  analysis of the bracket locks for auxiliary contacts attachable maximum  number of pracket locks maximum  a hasp thickness of the bracket locks  4 8 mm  Short cricuit  conditional short-circuit current with line-side fuse protection  at 690 V by gG fuse rated value  tel-through current with closed switch  at 440 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 4890 V for combination switch + gG fuse maximum  at 4890 V for combination switch + gG fuse maximum  at 4890 V for combination switch + gG fuse maximum  at 4890 V for combination switch + gG fuse maximum  at 4890 V for combination switch + gG fuse maximum  at 4890 V for combination switch + gG fuse maximum  at 4890 V for combination switch + gG fuse maximum  at 4890 V for combination switch + gG fuse maximum  at 4890 V for combination switch + gG fuse maximum  at 4890 V for combination switch + gG fuse maximum  at 4890 V for combination switch + gG fuse maximum  at 4890 V for combination switch + gG fuse maximum  at 4890 V for combination switch + gG fuse maximum  at 4890 V for combination switch + gG fuse maximum  at 4890 V for combination switch + gG fuse maximum  at 4890 V for combination switch + gG	•	
product feature can be locked into OFF position  coessories  product extension optional  mother of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks number of	·	Yes
product extension optional  motor drive  votage trigger  number of connectable NC contacts for auxiliary contacts attachable maximum  number of connectable NO contacts for auxiliary contacts attachable maximum  number of connectable NO contacts for auxiliary contacts attachable maximum  number of connectable CO contacts for auxiliary contacts attachable maximum  number of bracket locks maximum  a hasp thickness of the bracket locks  4 8 mm  Short circuit  conditional short-circuit current with line-side fuse protection  • at 690 V by gG fuse rated value  50 kA  let-through current with closed switch  • at 240 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 4890 V for combination switch + gG fuse maximum  • at 4890 V for combination switch + gG fuse maximum  • at 4890 V for combination switch + gG fuse maximum  • at 4890 V for combination switch + gG fuse maximum  • at 680 V for combination switch + gG fuse maximum  • at 4890 V for combination switch + gG fuse maximum  • at 680 V for combination switch + gG fuse maximum  • at 680 V for combination switch + gG fuse maximum  • at 680 V for combination switch + gG fuse maximum  • at 680 V for combination switch + gG fuse maximum  • at 680 V for combination switch + gG fuse maximum  • at 680 V for combination switch + gG fuse maximum  • at 680 V for combination switch + gG fuse maximum  • at 680 V for combination switch + gG fuse maximum  • at 680 V for combination switch + gG fuse maximum  • at 680 V for combination switch + gG fuse maximum  • at 680 V for combination switch + gG fuse maximum  • at 680 V for combination switch + gG fuse maximum  • at 680 V for combination switch + gG fuse maximum  • at 680 V for combination switch + gG fuse maximum  • at 680 V for combination switch + gG fuse maximum		
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  saps thickness of the bracket locks  Short circuit  conditional short-circuit current with line-side fuse protection  • at 690 V by gG fuse rated value  let-through current with closed switch  • at 240 V for combination switch + gG fuse maximum  at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for 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 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 690 V for combination switch + gG fuse maximum  • at 690 V for combination switch + gG fuse maximum  • at 690 V for comb	<u> </u>	Yes
• motor drive  • voltage trigger  No  No  No  No  No  No  No  No  No  N		
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     as the state of the bracket locks with the state of the bracket locks with the state of the bracket locks with the state of the state		
number of connectable NC contacts for auxiliary contacts attachable maximum number of connectable NO contacts for auxiliary contacts attachable maximum number of connectable NO contacts for auxiliary contacts attachable maximum number of bracket locks maximum 3 hasp thickness of the bracket locks 4 8 mm  Short circuit  conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value 50 kA  let-through current with closed switch 0 at 440 V for combination switch + gG fuse maximum 4 .5 kA 4.5		
attachable maximum number of connectable NO contacts for auxiliary contacts attachable maximum number of connectable CO contacts for auxiliary contacts attachable maximum number of bracket locks maximum number of bracket locks maximum 3 hasp thickness of the bracket locks 4 8 mm  Short circuit conditional short-circuit current with line-side fuse protection • at 690 V by gG fuse rated value 50 kA  let-through current with closed switch • at 240 V for combination switch + gG fuse maximum • 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 9 kA2.s • 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 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s • at 690 V for combination switch + gG fuse maximum 9 kA2.s		
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 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 690 V for combination switch + gG fuse maximum • at 690 V for combination switch + gG fuse maximum design of the fuse link • for short-circuit protection of the main circuit required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required operational current of upstream fuse rated value  40 A  2ccording UL  operational current at AC 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 -1 rated value short-line withstand current (SCCR) at 600 V according to UL 5 KA	attachable maximum	
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 permissible 12t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum permissible 12t value with closed switch • at 240 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 440 V for combination switch + gG fuse maximum • at 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 operational current of upstream fuse rated value  2ccording UL  operational current at AC according to UL 508/UL 60947-4-1 rated value  operating voltage 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 short-time withstand current (SCCR) at 600 V according to UL 50847-4-1 rated value short-time withstand current (SCCR) at 600 V according to UL 50847-4-1 rated value	attachable maximum	1
hasp thickness of the bracket locks  Short circuit  conditional short-circuit current with line-side fuse protection  • at 690 V by gG fuse rated value  let-through current with closed switch  • at 240 V for combination switch + gG fuse maximum  • at 690 V for combination switch + gG fuse maximum  • at 690 V for combination switch + gG fuse maximum  • at 690 V for combination switch + gG fuse maximum  permissible  12t value with closed switch  • at 240 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 690 V for combination switch + gG fuse maximum  • 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  • for short-circuit protection of the auxiliary switch required  operational current of upstream fuse rated value  40 A  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  short-time withstand current (SCCR) at 600 V according to UL  5 kA		0
Short circuit  conditional short-circuit current with line-side fuse protection  • at 690 V by gG fuse rated value  let-through current with closed switch  • at 240 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 690 V for combination switch + gG fuse maximum  permissible  lizt value with closed switch  • at 240 V for combination switch + gG fuse maximum  permissible  lizt value with closed switch  • at 240 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 490 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 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-circu	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 440 V for combination switch + gG fuse maximum  • at 490 V for combination switch + gG fuse maximum  permissible  l2t value with closed switch  • at 240 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 490 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  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  short-time withstand current (SCCR) at 600 V according to UL  5 kA	hasp thickness of the bracket locks	4 8 mm
at 690 V by gG fuse rated value  let-through current with closed switch  at 240 V for combination switch + gG fuse maximum  at 4.5 kA  at 440 V for combination switch + gG fuse maximum  at 690 V for combination switch + gG fuse maximum  permissible  let value with closed switch  at 240 V for combination switch + gG fuse maximum  at 4.5 kA  star 440 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  be at 690 V for combination switch + gG fuse maximum  clear at 440 V for combination switch + gG fuse maximum  clear at 440 V for combination switch + gG fuse maximum  at 450 V for combination switch + gG fuse maximum  be 462 S  clear at 440 V for combination switch + gG fuse maximum  clear at 440 V for combination switch + gG fuse maximum  clear at 440 V for combination switch + gG fuse maximum  clear at 440 V for combination switch + gG fuse maximum  clear at 440 V for combination switch + gG fuse maximum  clear at 440 V for combination switch + gG fuse maximum  clear at 440 V for combination switch + gG fuse maximum  clear at 440 V for combination switch + gG fuse maximum  clear at 440 V for combination switch + gG fuse maximum  clear at 440 V for combination switch + gG fuse maximum  clear at 440 V for combination switch + gG fuse maximum  clear at 440 V for combination switch + gG fuse maximum  clear at 440 V for combination switch + gG fuse maximum  clear at 440 V for combination switch + gG fuse maximum  clear at 440 V for combination switch + gG fuse maximum  clear at 440 V for combination switch + gG fuse maximum  clear at 440 V for combination switch + gG fuse maximum  clear at 440 V for combination switch + gG fuse maximum  clear at 440 V for combination switch  clear at 440 V for c	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  permissible  Izt value with closed switch  • at 240 V for combination switch + gG fuse maximum  • at 240 V for combination switch + gG fuse maximum  • at 440 V for combination switch + gG fuse maximum  • at 690 V for combination switch + gG fuse maximum  • at 690 V for combination switch + gG fuse maximum  • 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 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  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  short-time withstand current (SCCR) at 600 V according to UL 508/UL 60947-4-1 rated value  short-time withstand current (SCCR) at 600 V according to UL 508/UL 508/UL 504/UL 60947-4-1 rated value	conditional short-circuit current with line-side fuse protection	
<ul> <li>at 240 V for combination switch + gG fuse maximum</li> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 690 V for combination switch + gG fuse maximum</li> <li>permissible</li> <li>12t value with closed switch</li> <li>at 240 V for combination switch + gG fuse maximum</li> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 690 V for combination switch + gG fuse maximum</li> <li>at 690 V for combination switch + gG fuse maximum</li> <li>be at 690 V for combination switch + gG fuse maximum</li> <li>design of the fuse link</li> <li>for short-circuit protection of the main circuit required</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>fuse gL/gG: 40 A</li> <li>fuse gL/gG: 10 A</li> </ul> operational current of upstream fuse rated value <ul> <li>40 A</li> </ul> <li>according UL</li> <li>operational current at AC according to UL 508/UL 60947-4-1 rated value</li> <li>active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value</li> <li>active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value</li> <li>short-time withstand current (SCCR) at 600 V according to UL 58/UL 5 kA</li>	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 690 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 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 fuse gL/gG: 40 A be fuse gL/gG: 10 A  coperational current of upstream fuse rated value  40 A  according UL  coperational current at AC according to UL 508/UL 60947-4-1 rated value  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 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  short-time withstand current (SCCR) at 600 V according to UL  5 kA	let-through current with closed switch	
• 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 490 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     short-time withstand current (SCCR) at 600 V according to UL 5 kA	-	4.5 kA
permissible    I2t value with closed switch	• 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 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 coperational current of upstream fuse rated value  do A  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  short-time withstand current (SCCR) at 600 V according to UL  5 kA		5 kA
<ul> <li>at 440 V for combination switch + gG fuse maximum</li> <li>at 690 V for combination switch + gG fuse maximum</li> <li>g kA2.s</li> <li>design of the fuse link</li> <li>for short-circuit protection of the main circuit required</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>operational current of upstream fuse rated value</li> <li>according UL</li> <li>operational current at AC according to UL 508/UL 60947-4-1 rated value</li> <li>operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value</li> <li>active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value</li> <li>active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value</li> <li>short-time withstand current (SCCR) at 600 V according to UL 5 5 kA</li> </ul>	I2t value with closed switch	
<ul> <li>at 690 V for combination switch + gG fuse maximum</li> <li>g kA2.s</li> <li>design of the fuse link</li> <li>for short-circuit protection of the main circuit required</li> <li>fuse gL/gG: 40 A</li> <li>for short-circuit protection of the auxiliary switch required</li> <li>operational current of upstream fuse rated value</li> <li>according UL</li> <li>operational current at AC according to UL 508/UL 60947-4-1 rated value</li> <li>operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value</li> <li>active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value</li> <li>active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value</li> <li>short-time withstand current (SCCR) at 600 V according to UL 5 kA</li> </ul>	• 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  short-time withstand current (SCCR) at 600 V according to UL  5 kA	• at 440 V for combination switch + gG fuse maximum	9 kA2.s
	• at 690 V for combination switch + gG fuse maximum	9 kA2.s
	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  short-time withstand current (SCCR) at 600 V according to UL  5 kA	<ul> <li>for short-circuit protection of the main circuit required</li> </ul>	fuse gL/gG: 40 A
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  short-time withstand current (SCCR) at 600 V according to UL  5 kA	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  short-time withstand current (SCCR) at 600 V according to UL  5 kA	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  short-time withstand current (SCCR) at 600 V according to UL  5 kA	according UL	
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  short-time withstand current (SCCR) at 600 V according to UL  5 kA		32 A
4-1 rated value  active power [hp] at AC at 600 V according to UL 508/UL 60947- 4-1 rated value  short-time withstand current (SCCR) at 600 V according to UL  5 kA		600 V
4-1 rated value short-time withstand current (SCCR) at 600 V according to UL  5 kA		20
		20
		5 kA

continuous current of upstream fuse according to UL rated value	80 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)
• finely stranded with core end processing	lateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm²; front auxiliary switch 1x $^{2}$ ,5mm²
• stranded	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)
type of electrical connection	
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	
4-hole front mounting	No
<ul> <li>front mounting with central attachment</li> </ul>	Yes
• rail mounting	No
net weight	500 g
Environmental conditions	
ambient temperature during operation	
• minimum	-25 °C
• maximum	55 °C
ambient temperature during storage	
• minimum	-25 °C
• maximum	55 °C
General Product Approval	



Confirmation





**Miscellaneous** 



**Declaration of Conformity** 

**Test Certificates** 

Marine / Shipping





Miscellaneous

Special Test Certificate

Miscellaneous



other Environment

Miscellaneous Confirmation

Environmental Confirmations

#### **Further information**

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

#### Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

#### 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)

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2264-2TX51-0U

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

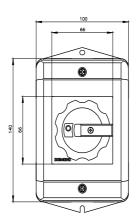
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD2264-2TX51-0US2

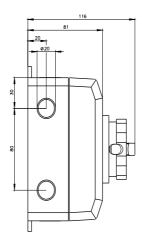
**CAx-Online-Generator** 

http://www.siemens.com/cax

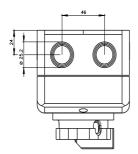
**Tender specifications** 

http://www.siemens.com/specifications









last modified:

6/20/2023