SIEMENS

Data sheet 3LD2103-0TK53



SENTRON, Switch disconnector 3LD, emergency switching-off switch, 3-pole, lu: 25 A, operating power / at AC-23 A 400 V: 9.5 kW, front-mounted, rotary operating mechanism, Red / yellow, 4-hole mounting of the handle

Model	
product brand name	SENTRON
product designation	3LD Switch disconnector
design of the product	EMERGENCY-STOP switch
display version / for switch position indicator manual operation	1 ON - 0 OFF
design of the actuating element	Short rotary knob
design of handle	rotary operating mechanism, red/yellow
type of the driving mechanism / motor drive	No
General technical data	
number of poles	3
type of device	fixed mounting
type of switch	front mounted
size of switch disconnector	2
mechanical service life (switching cycles) / typical	100 000
electrical endurance (switching cycles)	
• at AC-23 A / at 690 V	6 000
I2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum	4 kA2.s
let-through I2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum	4 kA2.s
operating frequency / maximum	50 1/h
Voltage	
insulation voltage / rated value	690 V
surge voltage resistance / rated value	6 kV
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 	1.1 W
per conductor / typical	1 W
Current	
operational current	
 at 40 °C / rated value 	25 A
 at 45 °C / rated value 	25 A
• at 50 °C / rated value	25 A
• at 55 °C / rated value	25 A

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e al AC-21 Al 580 V / rated value 25 A e at AC-21 A / at 440 V / rated value 25 A perational current / or upstream fuse / rated value 25 A perational current / or upstream fuse / rated value 25 A perational current / or upstream fuse / rated value 25 A perational current / or upstream fuse / rated value 25 A perational current / or upstream fuse / rated value 35 kA maserium e at 460 V / for combination switch + gG fuse / maserium e at 560 V / for combination switch + gG fuse / maserium e at 660 V / rated value 5 kW at AC-23 A / at 440 V / rated value 5 kW at AC-23 A / at 440 V / rated value 9.5 kW at AC-23 A / at 440 V / rated value 9.5 kW at AC-23 A / at 440 V / rated value 4 kW at AC-23 A / at 440 V / rated value 4 kW at AC-23 A / at 440 V / rated value 5 kW at AC-23 A / at 440 V / rated value 5 kW at AC-23 A / at 440 V / rated value 5 kW at AC-23 A / at 440 V / rated value 7 / 5 kW goardional current / rated value 7 / 5 kW populational current / rated value 7 / 5 kW populational current / rated value 8 kW at AC-3 / at 680 V / rated value 7 / 5 kW populational current / at 6 value / 7 / 5 kW populational current / at 6 value / 7 / 6 kW at AC-3 / at 680 V / rated value 7 / 5 kW populational current / at 6 value / 7 / 6 kW at AC-3 / at 680 V / rated value 7 / 6 kW at AC-3 / at 680 V / rated value 8 kW at AC-3 / at 680 V / rated value 7 / 6 kW at AC-3 / at 680 V / rated value 8 / 6 kW at AC-3 / at 680 V / rated value 7 / 6 kW at AC-3 / at 680 V / rated value 8 / 6 kW at AC-3 / at 680 V / rated value 9 / 6 kW at AC-3 / at 680 V / rated value 9 / 6 kW at AC-3 / at 680 V / rated value 9 / 6 kW at AC-3 / at 680 V / rated value 9 / 6 kW at AC-3 / 6 kW /	at AC / rated value	25 A
** at AC-21 A/ at 440 V / rated value 25 A ** at AC-21 A/ at 440 V / rated value 25 A ** operational current / of upstream lose / rated value 25 A ** operational current / of upstream lose / rated value 25 A ** operational current / of upstream lose / rated value 25 A ** at 440 V / for combination switch + gG fuse / maximum earlies in a common switch + gG fuse / maximum permissible ** operating power ** at AC-23 A / at 240 V / rated value 10 kW ** at AC-23 A / at 240 V / rated value 10 kW ** at AC-23 A / at 440 V / rated value 10 kW ** at AC-23 A / at 440 V / rated value 10 kW ** at AC-23 A / at 440 V / rated value 10 kW ** at AC-23 A / at 440 V / rated value 25 kW ** at AC-23 A / at 440 V / rated value 36 kW ** at AC-31 at 420 V / rated value 48 kW ** at AC-31 at 420 V / rated value 37 kW ** at AC-31 at 680 V / rated value 38 kW ** at AC-31 at 680 V / rated value 35 kW ** at AC-31 at 680 V / rated value 35 kW ** operational current / rated value 25 k A ** Auxiliary circuit 30 kW ** operational current / rated value 30 kW ** operations operation / op		
e at AC-21 A / at 440 V / rated value set-through current / vith classed switch at 440 V / for combination switch + gG fuse / at 440 V / for combination switch + gG fuse / at 440 V / for combination switch + gG fuse / at 440 V / for combination switch + gG fuse / at 440 V / for combination switch + gG fuse / at 440 V / for combination switch + gG fuse / at AC-23 A / at 240 V / rated value 10 kW at AC-23 A / at 240 V / rated value 10 kW at AC-23 A / at 440 V / rated value 9.5 kW at AC-23 A / at 440 V / rated value 4 kW at AC-23 A / at 440 V / rated value 5 kW at AC-23 A / at 450 V / rated value 5 kW at AC-31 at 400 V / rated value 5 kW at AC-31 at 400 V / rated value 7.5 kW operation of the contract / for auxiliary contacts number of CO contacts / for auxiliary contacts number of CO contacts / for auxiliary contacts number of NC contacts		
International current / or upstream tisse / rated value 25 A		
lect through current / with closed switch + a 44 M / V for combination switch + gG fuse / a 44 M / V for combination switch + gG fuse / a 48 M / V for combination switch + gG fuse / a 48 M / V for combination switch + gG fuse / a 48 M / A / A / A / A / A / A / A / A / A /		
a tit 440 V / for combination switch + gG fuse / maximum a tit 690 V / for combination switch + gG fuse / maximum permissible Main circuit operating power a th AC-23 N at 240 V / rated value at AC-23 N at 1400 V / rated value b at AC-23 N at 1400 V / rated value at AC-23 N at 1400 V / rated value b at AC-23 N at 240 V / rated value at AC-23 N at 240 V / rated value b at AC-31 At 240 V / rated value b at AC-31 At 240 V / rated value b at AC-31 At 240 V / rated value b at AC-31 at 260 V / rated value b at AC-31 at 690 V / rated value continuous current / of the auxiliary contacts control NO contacts / for auxiliary contacts control of NO contacts / for auxiliary contacts contacts / for auxiliary contacts contacts / for auxiliary contacts contacts	·	25 A
maximum at 880 V / for combination switch + gG fuse / maximum permissible Main circuit operating power at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value by 5 kW at AC-23 A / at 440 V / rated value at AC-23 A / at 440 V / rated value by 5 kW at AC-23 A / at 40 V / rated value at AC-34 A / at 90 V / rated value by 6 kW at AC-37 A / at 90 V / rated value at AC-37 A / at 90 V / rated value by 6 kW at AC-37 A / at 90 V / rated value by 6 kW at AC-37 A / at 90 V / rated value by 7.5 kW coperational current / rated value continues of CO contacts for auxiliary contacts number of CO contacts for auxiliary contacts number of NC contacts n		0.514
### ### ### #### #### ################		3.5 kA
maximum permissible Main circuit operating power at AC-23 A 1 at 240 V / rated value at AC-23 A 1 at 440 V / rated value at AC-23 A 1 at 440 V / rated value at AC-23 A 1 at 400 V / rated value at AC-3 A 1 at 400 V / rated value at AC-3 A 1 at 50 V / rated value at AC-3 I at 500 V / rated value at AC-3 I at 500 V / rated value at AC-3 I at 500 V / rated value at AC-3 I at 500 V / rated value at AC-3 I at 500 V / rated value at AC-3 I at 500 V / rated value at AC-3 I at 500 V / rated value at AC-3 I at 500 V / rated value at AC-3 I at 500 V / rated value poperational current / rated value at Acciliary contacts number of CC contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts poperating voltage / of the auxiliary contacts / rated value subtability for use a main switch yes a main switch yes a safety switch yes Appearance color / of the actuating element red Product datails product feature a can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the pracket locks / maximum hasp thickness / of the pracket locks / maximum a mount of tive a contact of tive b contact of tive a contact of tive b contact of tive conditional short-circuit current / with line-side fuse product extension / of t		Λ kΔ
operating power at AC-23 A / at 240 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value 25 A Avxillary critical value Avxillary critical value contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts entities / for auxiliary contacts / at AC / auxiliary contacts poverating value / auxiliary contacts / at AC / auxiliary contacts entities / for auxiliary contacts / at AC / auxiliary contacts poverating value / auxiliary contacts / at AC / auxiliary contacts entities / auxiliary contacts yes entities / auxiliary con		T IVA
operating power at AC-23 A / at 240 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value 25 A Avxillary critical value Avxillary critical value contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts entities / for auxiliary contacts / at AC / auxiliary contacts poverating value / auxiliary contacts / at AC / auxiliary contacts entities / for auxiliary contacts / at AC / auxiliary contacts poverating value / auxiliary contacts / at AC / auxiliary contacts entities / auxiliary contacts yes entities / auxiliary con	Main circuit	
* at AC-23 A / at 400 V / rated value * at AC-23 A / at 400 V / rated value * at AC-23 A / at 400 V / rated value * at AC-23 A / at 400 V / rated value * at AC-23 A / at 400 V / rated value * at AC-3 / at 400 V / rated value * at AC-3 / at 400 V / rated value * at AC-3 / at 400 V / rated value * at AC-3 / at 400 V / rated value * at AC-3 / at 400 V / rated value * at AC-3 / at 400 V / rated value * at AC-3 / at 400 V / rated value * at AC-3 / at 400 V / rated value * at AC-3 / at 400 V / rated value * at AC-3 / at 400 V / rated value * at AC-3 / at 400 V / rated value * operation of Contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * number of NC contacts / for auxiliary contacts * number of NC contacts / for auxiliary contacts * number of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for auxiliary contacts * output of NC contacts / for		
at AC-23 A / at 400 V / rated value at AC-23 A / at 400 V / rated value 9 5 kW at AC-23 A / at 500 V / rated value 10 kW at AC-3 / at 240 V / rated value 4 kW 3t AC-3 / at 260 V / rated value 8 kW at AC-3 / at 260 V / rated value 7.5 kW operational current / rated value 25 A Auxiliary circuit number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts 0 operating voltage / of auxiliary contacts 10 operating voltage / of auxiliary contacts 10 operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact of at AC / maximum suitability for use 1 main switch 2 switch disconnector 2 main switch 3 switch disconnector 4 EMERGENCY OFF switch 2 main switch 3 main switch 4 maintenance/repair switch 5 maintenance/repair switch 5 maintenance/repair switch 7 yes 2 safety switch 2 maintenance/repair switch 7 yes 2 maintenance/repair switch 9 yes 9 mainten		5 kW
at AC-23 A / at 980 V / rated value at AC-23 A / at 980 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 980 V / rated value 25 A Auxiliary circuit rumber of CO contacts / for auxiliary contacts operational current / rated value 25 A Auxiliary circuit rumber of CO contacts / for auxiliary contacts operating voltage / of the auxiliary contact / rated value sourcent / of the auxiliary switch / rated value for auxiliary switch / rated value switch disconnector switch disconnector switch disconnector EMERGENCY OFF switch safety switch safety switch Product details Appearance color / of the actualing sement Product details product feature • can be locked into OFF position number of bracket locks / maximum apa brickness / of the bracket locks / minimum apas brickness / of the bracket locks / minimum apas brickness / of the bracket locks / minimum apas brickness / of the bracket locks / maximum oproduct extension / optional • motor drive • voltage frager Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value 50 kA according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value 50 kA according UL operational current / at AC / according to UL 508/UL 60947-4-1 / rated value 50 kA 5		
at AC-23 A / at 680 V / rated value at AC-3 / at 240 V / rated value at AC-3 / at 490 V / rated value at AC-3 / at 490 V / rated value at AC-3 / at 490 V / rated value 7.5 kW operational current / rated value 25 A Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / 500 V continuous current / of the auxiliary contact / rated value 500 V Suitability Suitability for use auxiliary switch / rated value auxiliary switch / reserved / res		
at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value at AC-3 / at 690 V / rated value 7.5 kW operational current / rated value 25 A Auxiliary circuit number of CO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts 0 operating voltage / of auxiliary contacts 0 operating voltage / of the auxiliary contacts 0 operating voltage / of the auxiliary contacts / rated value continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 500 V Sultability sultability or use a main switch b ewitch disconnector c eMERGENCY OFF switch c safety switch c maintenance/repair switch Appoarance color / of the actuating element red Product details product feature c and be locked into OFF position number of bracket locks / maximum Asap thickness / of the bracket locks / minimum Asap thickness / of the bracket locks / minimum nasp thickness / of the bracket locks / maximum product extension / optional emotor drive voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value active power [hp] / 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 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 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 AC-3 / at 490 V / rated value 7.5 kW operational current / rated value 7.5 kW operational current / rated value 25 A Auxiliary circuit number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts 1 oo operating voltage / of auxiliary contacts / at AC / maximum 500 V ocntinuous current / of the auxiliary contact / rated value 500 V ocntinuous current / of the auxiliary switch / rated value 500 V ocntinuous current / of the auxiliary switch / rated value 500 V ocntinuous current / of the auxiliary switch / rated value 500 V ocntinuous current /		
operational current / rated value 25 A Abxillary circuit number of CO contacts / for auxillary contacts number of NC contacts / for auxillary contacts 0 number of NC contacts / for auxillary contacts 0 operating voltage / of auxillary contacts 0 operating voltage / of auxillary contacts / at AC / maximum continuous current / of the auxiliary sentet / rated value insulation voltage / of the auxiliary sentet / rated value 500 V Statiability suitability suitability for use • main switch Yes • switch disconnector Yes • EMERGENCY OFF switch Yes • safety switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value active power [hp] / at AC / at 600 V V according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V V according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V V according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V 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 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 active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
operational current / rated value 25 A Auxiliary circuit number of CC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / A C / maximum 500 V continuous current / of the auxiliary contact / rated value 10 A insulation voltage / of the auxiliary switch / rated value 500 V Suitability suitability for use • main switch Yes • safety switch Yes • safety switch Yes • safety switch Yes • safety switch Yes • mainenance/repair switch Yes • safety switch Yes • mainenance/repair switch Yes • mainenance/repair switch Yes • safety switch Yes • mainenance/repair switch Yes • mainenance/repair switch Yes • mainenance/repair switch Yes • safety switch Yes • mainenance/repair switch Yes • safety switch Yes • can be locked into OFF position Yes • can be locked into OFF position Yes • number of bracket locks / maximum 3 • hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 8 mm product extension / optional • motor drive No • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value active power [ng] / at AC / at 600 K / according to UL 508/UL 60947-4-1 / rated value active power [ng] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power [ng] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
Auxiliary circuit number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch Appearance color / of the actuating element Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 Y / by gG fuse / rated value according UL operating voltage / at AC / at 50/60 Hz / according to UL 50/8UL 60/947-4-1 / rated value active power [np] / at AC / at 68/0 V / according to UL 50/8UL 60/947-4-1 / rated value active power [np] / at AC / at 68/0 V / according to UL 50/8UL 60/947-4-1 / rated value active power [np] / at AC / at 68/0 V / according to UL 50/8UL 60/947-4-1 / rated value active power [np] / at AC / at 68/0 V / according to UL 50/8UL 60/947-4-1 / rated value active power [np] / at AC / at 68/0 V / according to UL 50/8UL 60/947-4-1 / rated value active power [np] / at AC / at 68/0 V / according to UL 50/8UL 60/947-4-1 / rated value active power [np] / at AC / at 68/0 V / according to UL 50/8UL 60/947-4-1 / rated value active power [np] / at AC / at 68/0 V / according to UL 50/8UL 60/947-4-1 / rated value active power [np] / at AC / at 68/0 V / according to UL 50/8UL 60/947-4-1 / rated value		
number of CO contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts operating voltage / of auxiliary contacts operating voltage / of auxiliary contacts / rated value insulation voltage / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value insulation voltage / of the auxiliary switch / rated value Sout voltage / of the auxiliary switch / rated value Suitability suitabili	·	
number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts 10 continuous current / of the auxiliary contact / rated value insulation voltage of of the auxiliary contact / rated value insulation voltage / of whe auxiliary switch / rated value 500 V Suitability Suitability suitability or use • main switch		0
number of NO contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / at AC / maximum foothinuous current / of the auxiliary contacts / at AC / maximum foothinuous current / of the auxiliary switch / rated value finsulation voltage / of the auxiliary switch / rated value Sout V Suitability suitability for use	<u> </u>	
operating voltage / of auxiliary contacts / at AC / maximum continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Suitability suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch • maintenance/repair switch • safety switch • maintenance/repair switch • res • safety switch • maintenance/repair switch • res • safety switch • maintenance/repair switch • res • can be locked into OFF position • ansp thickness / of the bracket locks / maximum • masp thickness / of the bracket locks / minimum • hasp thickness / of the bracket locks / maximum • mord drive • voltage trigger • No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG 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 4800 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 4800 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 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		
continuous current / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value Suitability suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety switch • maintenance/repair switch * red * maintenance/repair switch * Yes • maintenance/repair switch * Yes * number of bracket locks / maximum * a hasp thickness / of the bracket locks / maximum * hasp thickness / of the bracket locks / maximum * product extension / optional • motor drive • voltage trigger No * No * voltage trigger No * No * Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value * according UL * operational current / at AC / at coording to UL 508/UL * 600 V * 508/UL 60947-4-1 / rated value * active power [hp] / at AC / at 60/60 Hz / according to UL * 508/UL 60947-4-1 / rated value * active power [hp] / at AC / at 60/00 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 60947-4-1 / rated value		
insulation voltage / of the auxiliary switch / rated value Suitability suitability for use • main switch • switch disconnector • safety switch • safety switch • maintenance/repair switch Yes • maintenance/repair switch Appearance color / of the actuating element Product dotalis product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power (hpl / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power (hpl / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power (hpl / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power (hpl / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power (hpl / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power (hpl / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power (hpl / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power (hpl / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power (hpl / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value active power (hpl / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
Sultability suitability for use • main switch • switch disconnector • safety switch • safety switch • maintenance/repair switch • red • maintenance/repair switch • color / of the actuating element Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / minimum number of ordive • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG 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 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 450/60 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 450/60 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 60/60 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 60/60 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 60/60 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 60/60 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 60/60 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 60/60 V / according to UL 508/UL 60947-4-1 / rated value	-	
suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch • maintenance/repair switch Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value 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 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 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 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 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		500 V
main switch switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch maintenance/repair switch red Product details product feature can be locked into OFF position nasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum mount of draw red No solute teature tan be locked into OFF position where it is a simple in the intensive it is a simple intensive it is a s		
Switch disconnector EMERGENCY OFF switch Safety switch Safety switch Maintenance/repair switch Appearance color / of the actuating element Product details product feature Can be locked into OFF position Masp thickness / of the bracket locks / maximum Masp thickness / of the bracket locks / maximum Masp thickness / of the bracket locks / maximum Masp thickness / of the bracket locks / maximum Product extension / optional Motor drive Voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection At 690 V / by gG fuse / rated value operational current / 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 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 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 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 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 400 V / according to UL 508/UL 60947-4-1 / rated value short-lime withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value	•	v
EMERGENCY OFF switch safety switch nemintenance/repair switch Yes Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / 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 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-line withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-line withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-line withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-line withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-line withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-line withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-line withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-line withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-line withstand current (SCCR) / at 600 V / according to UL	• main ewitch	
* safety switch * maintenance/repair switch Yes Appearance color / of the actuating element Product details product feature * can be locked into OFF position number of bracket locks / maximum 3 hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional * motor drive * voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection * at 690 V / by gG fuse / rated value operating out age / at AC / at 50/60 Hz / 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 (SCR) / at 600 V / according 5 kA		
maintenance/repair switch Appearance color / of the actuating element red Product details product feature	switch disconnector	Yes
Appearance color / of the actuating element red Product details product feature • can be locked into OFF position Yes number of bracket locks / maximum 3 hasp thickness / of the bracket locks / minimum 4 mm hasp thickness / of the bracket locks / maximum 8 mm product extension / optional • motor drive No • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value 50 kA 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 4600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 5 kA	switch disconnectorEMERGENCY OFF switch	Yes Yes
color / of the actuating element Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG 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 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 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 5 kA	switch disconnectorEMERGENCY OFF switchsafety switch	Yes Yes Yes
Product details product feature • can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / minimum • motor drive • voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG 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 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 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 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 active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	 switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch 	Yes Yes Yes
product feature	 switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch 	Yes Yes Yes
ocan be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum broduct extension / optional motor drive voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value soperational current / at AC / according to UL 508/UL operating voltage / at AC / at 50/60 Hz / 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 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 5 kA	 switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element 	Yes Yes Yes Yes Yes
number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG 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 80 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 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 5 kA	 switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element 	Yes Yes Yes Yes Yes
hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value soperational 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 5 kA	 switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details 	Yes Yes Yes Yes Yes
hasp thickness / of the bracket locks / maximum product extension / optional • motor drive • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG 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 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 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature	Yes Yes Yes Yes Yes Ted
product extension / optional • motor drive • voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value 50 kA 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 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position	Yes Yes Yes Yes Yes Yes Yes
motor drive voltage trigger No Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG 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 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum	Yes Yes Yes Yes Yes Yes red Yes 3 4 mm
● voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection ● at 690 V / by gG fuse / rated value 50 kA 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 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum	Yes Yes Yes Yes Yes Yes red Yes 3 4 mm
Short circuit conditional short-circuit current / with line-side fuse protection ■ at 690 V / by gG fuse / rated value 50 kA 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 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / maximum hasp thickness / of the bracket locks / maximum	Yes Yes Yes Yes Yes Yes red Yes 3 4 mm
conditional short-circuit current / with line-side fuse protection ■ at 690 V / by gG fuse / rated value 50 kA 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 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive	Yes Yes Yes Yes Yes red Yes 3 4 mm 8 mm
protection • at 690 V / by gG fuse / rated value 50 kA 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 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive	Yes Yes Yes Yes Yes red Yes 3 4 mm 8 mm
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 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger	Yes Yes Yes Yes Yes red Yes 3 4 mm 8 mm
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 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse	Yes Yes Yes Yes Yes red Yes 3 4 mm 8 mm
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 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection	Yes Yes Yes Yes Yes red Yes 3 4 mm 8 mm No No
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 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value	Yes Yes Yes Yes Yes red Yes 3 4 mm 8 mm No No
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 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value according UL operational current / at AC / according to UL 508/UL	Yes Yes Yes Yes Yes red Yes 3 4 mm 8 mm No No
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 5 kA	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG 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	Yes Yes Yes Yes Yes red Yes 3 4 mm 8 mm No No No
	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG 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	Yes Yes Yes Yes red Yes 3 4 mm 8 mm No No No 50 kA
	switch disconnector EMERGENCY OFF switch safety switch maintenance/repair switch Appearance color / of the actuating element Product details product feature can be locked into OFF position number of bracket locks / maximum hasp thickness / of the bracket locks / minimum hasp thickness / of the bracket locks / maximum product extension / optional motor drive voltage trigger Short circuit conditional short-circuit current / with line-side fuse protection at 690 V / by gG 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	Yes Yes Yes Yes red Yes 3 4 mm 8 mm No No No 10

continuous current / of upstream fuse / according to UL / rated value	50 A
type of fuse / according to UL	RK5
Number	
number of connectable NC contacts / for auxiliary contacts / attachable / maximum	3
number of connectable NO contacts / for auxiliary contacts / attachable / maximum	3
number of connectable CO contacts / for auxiliary contacts / attachable / maximum	0
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)
 finely stranded / with core end processing 	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
Requirements	
design of the fuse link	
 for short-circuit protection of the main circuit / required 	fuse gL/gG: 25 A
 for short-circuit protection of the auxiliary switch / required 	fuse gL/gG: 10 A
Mechanical Design	
height	84 mm
width	67 mm
depth	92.5 mm
fastening method	Built-in unit fixed-mounted version
fastening method	
 4-hole front mounting 	Yes
 front mounting with central attachment 	No
• rail mounting	No
net weight	187 g
Environmental conditions	
ambient temperature / during operation	
• minimum	-25 °C
• maximum	55 °C
ambient temperature / during storage / minimum	-25 °C
General Product Approval	









Miscellaneous



Declaration of Conformity

Test Certificates

Marine / Shipping



UK Declaration of Conformity Special Test Certificate







other

Miscellaneous

Environmental Confirmations

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD2103-0TK53

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2103-0TK53

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

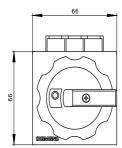
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2103-0TK53

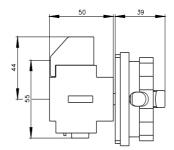
CAx-Online-Generator

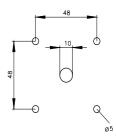
http://www.siemens.com/cax

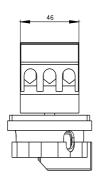
Tender specifications

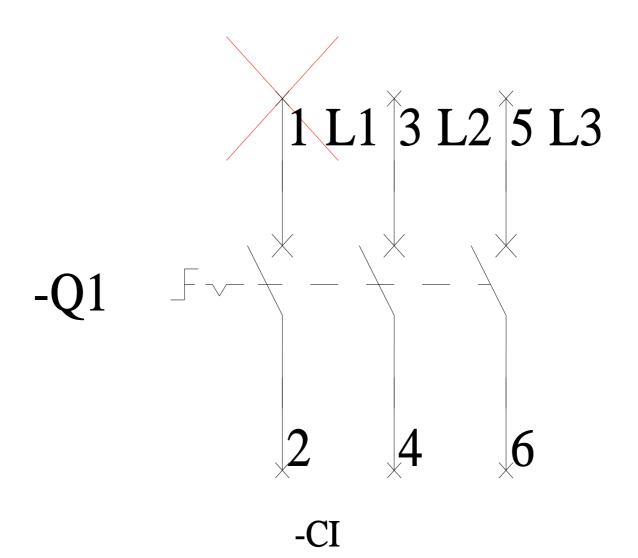
http://www.siemens.com/specifications

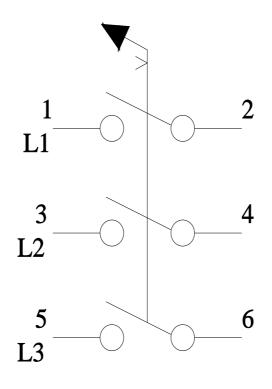












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