SIEMENS

Data sheet

3LD2430-0TK13



SENTRON, Switch disconnector 3LD, emergency switching-off switch, 3-pole, lu=250 A, operating power / at AC-23 A 400 V: 132 kW, installation in distribution boards, knob-operated mechanism, Red / yellow, handle direct at the switch

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
type of switch	DIN-rail mounting
design of the actuating element	selector switch
color / of the actuating element	red
design of handle	knob-operated mechanism, red/yellow
type of the driving mechanism / motor drive	No
General technical data	
number of poles	3
size of switch disconnector	5
mechanical service life (switching cycles) / typical	100 000
electrical endurance (switching 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	8 kV
operating voltage	
• at AC / rated value	690 V
operating frequency / rated value	
• minimum	50 Hz
• maximum	60 Hz
Protection class	
protection class IP	IP40
protection class IP / on the front	IP40
Dissipation	
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	36 W
Current	
operational current / rated value	250 A
operational current	
 at 40 °C / rated value 	250 A
• at 45 °C / rated value	250 A
• at 50 °C / rated value	250 A

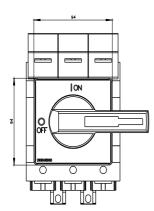
		250.4
Main Crucit operational current ef AC-217 at 590 V / rated value 250 A ef AC-217 At 320 V / rated value 250 A ef AC-217 At 340 V / rated value 250 A ef AC-217 At 340 V / rated value 250 A ef AC-23 Ar 3440 V / rated value 252 A ef AC-23 Ar 3440 V / rated value 122 kW ef AC-23 Ar 3440 V / rated value 132 kW ef AC-23 Ar 3440 V / rated value 132 kW ef AC-23 Ar 1440 V / rated value 132 kW ef AC-23 Ar 1440 V / rated value 132 kW ef AC-23 Ar 1440 V / rated value 10 kW ef AC-23 Ar 1440 V / rated value 10 kW ef AC-23 Ar 1440 V / rated value 10 kW ef AC-23 Ar 1440 V / rated value 10 kW ef AC-23 Ar 1440 V / rated value 10 kW ef AC-23 Ar 1440 V / rated value 10 kW ef AC-23 Ar 1440 V / rated value 10 kW ef AC-23 Ar 1440 V / rated value 10 kW ef AC-23 Ar 1440 V / rated val	• at 55 °C / rated value	250 A
operational current 250 A • at AC-21 A / at 260 V / rated value 250 A • at AC-21 A / at 240 V / rated value 250 A • at AC-21 A / at 240 V / rated value 250 A • at AC-21 A / at 400 V / rated value 250 A • at AC-21 A / at 400 V / rated value 250 A • at AC-23 A / at 240 V / rated value 224 A operating power • at AC-23 A / at 240 V / rated value 132 kW • at AC-23 A / at 240 V / rated value 132 kW • at AC-33 A / at 400 V / rated value • at AC-33 A / at 400 V / rated value 55 kW • at AC-33 at 240 V / rated value • at AC-33 at 240 V / rated value 55 kW • at AC-33 at 240 V / rated value • at AC-31 at 200 V / rated value 50 kW • at AC-33 at 240 V / rated value • at AC-31 at 200 V / rated value 50 kW • at AC-33 at 240 V / rated value • at AC-31 at 200 V / rated value 50 kW • at AC-33 at 240 V / rated value • at AC-31 at 200 V / rated value 0 0 number of NC contacts / for auxiliary contacts 0 0 operating value / or auxiliary contacts 0 0 operating v		250 A
• at AC-21 / at 680 V / rated value 250 A • at AC-21 A / at 440 V / rated value 250 A • at AC-21 A / at 440 V / rated value 250 A • at AC-23 A / at 240 V / rated value 250 A • at AC-23 A / at 240 V / rated value 250 A • at AC-23 A / at 240 V / rated value 252 A • at AC-23 A / at 240 V / rated value 132 kW • at AC-23 A / at 240 V / rated value 132 kW • at AC-23 A / at 240 V / rated value 132 kW • at AC-23 A / at 240 V / rated value 55 kW • at AC-23 A / at 240 V / rated value 55 kW • at AC-31 / at 600 V / rated value 55 kW • at AC-31 / at 600 V / rated value 50 V • at AC-31 / at 600 V / rated value 10 A • at AC-31 / at 600 V / rated value 0 • at AC-31 / at 600 V / rated value 0 • at AC-31 / at 600 V / rated value 0 • at AC-31 / at 600 V / rated value 0 • at AC-31 / at 600 V / rated value 0 • at AC-31 / at 600 V / rated value 0 • at AC-31 / at 600 V / rated value 0 • at AC-31 / at 600 V / rated value 0 • at AC-31 / at 600 V / rated value 0 • at AC-31 / at 600 V / rated value 0 • at AC-31 / at 600 V / rated value 0		
e at AC:21 A / at 240 V / rated value 250 A e at AC:23 A / at 440 V / rated value 250 A e at AC:23 A / at 440 V / rated value 224 A Operating power 224 A e at AC:23 A / at 440 V / rated value 75 kW e at AC:23 A / at 440 V / rated value 132 kW e at AC:23 A / at 440 V / rated value 132 kW e at AC:23 A / at 440 V / rated value 132 kW e at AC:34 / at 440 V / rated value 155 kW e at AC:31 / at 460 V / rated value 150 kW e at AC:31 / at 460 V / rated value 150 kW e at AC:31 / at 680 V / rated value 160 kW e at AC:31 / at 680 V / rated value 100 kW e at AC:31 / at 680 V / rated value 100 kW e at AC:31 / at 680 V / rated value 100 kW e at AC:31 / at 680 V / rated value 10 kW e at AC:31 / at 680 V / rated value 10 kW e at AC:31 / at 680 V / rated value 10 kW e at AC:31 / at 680 V / rated value 10 kW e at AC:31 / at 680 V / rated value 10 kW e at AC:31 / at 680 V / rated value 10 kW e at AC:31 / at 680 V / rated value 10 kW e at AC:31 / at 680 V / rated value 10 kW e at AC:31 / at 680 V / rated value 10 kW e at AC:31 / at 680 V / rated val		250.4
• et AC-21 A / it 440 V / rated value 250 A operating power 224 A • et AC-23 A / it 240 V / rated value 122 kW • et AC-23 A / it 240 V / rated value 132 kW • et AC-23 A / it 240 V / rated value 132 kW • et AC-23 A / it 240 V / rated value 132 kW • et AC-23 A / it 260 V / rated value 55 kW • et AC-3 / it 260 V / rated value 55 kW • et AC-3 / it 260 V / rated value 55 kW • et AC-3 / it 260 V / rated value 55 kW • et AC-3 / it 260 V / rated value 55 kW • et AC-3 / it 260 V / rated value 56 kW • et AC-3 / it 260 V / rated value 50 V • et AC-3 / it 260 V / rated value 50 V • outfield rated value 50 V • outfield rated value 50 V • outfield rated value 500 V • outfield value 500 V • outfield rated value 500 V		
• et AC-23 A / at 400 V / rated value 224 A operating power - • at AC-23 A / at 400 V / rated value 132 kW • at AC-23 A / at 400 V / rated value 132 kW • at AC-23 A / at 400 V / rated value 152 kW • at AC-23 A / at 400 V / rated value 55 kW • at AC-3 A / at 400 V / rated value 55 kW • at AC-3 / at 400 V / rated value 55 kW • at AC-3 / at 400 V / rated value 55 kW • at AC-3 / at 600 V / rated value 45 kW Auxiliary actuality 0 number of Co contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating volved 10 A insultation value / of the auxiliary contact / rated value 500 V continuous current / of the auxiliary contact / rated value 500 V solutability For use • maintenance/repair switch Yes • switch discommetor Yes • sately switch Yes • wolta yes linger No product datum / can be locked Into OFF position Yes • vot		
operating power at AC-23 A' at 240 V / rated value 75 kW • at AC-23 A' at 440 V / rated value 132 kW • at AC-23 A' at 440 V / rated value 132 kW • at AC-23 A' at 400 V / rated value 132 kW • at AC-23 A' at 400 V / rated value 132 kW • at AC-33 A' at 400 V / rated value 55 kW • at AC-37 at 200 V / rated value 55 kW • at AC-37 at 200 V / rated value 55 kW • at AC-37 at 200 V / rated value 55 kW • at AC-37 at 200 V / rated value 50 V number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / at AC / maximum 500 V Continuous current / of the auxiliary switch / rated value 500 V Sultability for use • • main switch Yes • sultability for use • • main switch Yes * product feature / can be looked into OFF position Yes * routh for thread on the OFF position 2 // attability maximum 3 number of Connectable for auxiliary contacts 4 // attability for use 10 • voltage it rigger No product feature / can be looked into OFF position Yes * routhere for connectable NC contacts / for auxiliary contacts </td <td></td> <td></td>		
a i ÅC-23 A / at 400 V / rated value 75 kW at AC-23 A / at 400 V / rated value 132 kW at AC-23 A / at 400 V / rated value 55 kW at AC-23 A / at 400 V / rated value 55 kW at AC-33 A / at 400 V / rated value 55 kW at AC-33 / at 400 V / rated value 55 kW at AC-3 / rated value 55 kW at AC-3 / rated value 60 V at AC-3 / rated value 0 at		2247
• at AC-23 A / at 400 V / rated value 132 kW • at AC-23 A / at 400 V / rated value 132 kW • at AC-33 A / at 400 V / rated value 55 kW • at AC-3 at / at 400 V / rated value 55 kW • at AC-3 / at 400 V / rated value 55 kW • at AC-3 / at 400 V / rated value 55 kW • at AC-3 / at 400 V / rated value 10 kW • at AC-3 / at 600 V / rated value 0 • at AC-3 / at 600 V / rated value 0 • at AC-3 / at 600 V / rated value 0 • onther of NC contacts / for auxiliary contacts 0 • onther of NC contacts / for auxiliary contacts 0 • onther of NC contacts / for auxiliary contacts 0 • contacts / at AC-1 / rated value 500 V continuous current / of the auxiliary contact / rated value 500 V • subtability for use • • main switch Yes • switch discommetor Yes • at 800 / V / Stated value 10 • contacts / for auxiliary contacts 2 product extension / optional No • motor forke No • wolt		75 kW
• at AC-23 A / at 400 V / rated value 132 kW • at AC-23 A / at 500 V / rated value 55 kW • at AC-3 / at 200 V / rated value 105 kW • at AC-3 / at 500 V / rated value 10 kW • at AC-3 / at 500 V / rated value 10 kW • at AC-3 / at 500 V / rated value 40 KW Auxiliary circuit 0 0 rumber of CO contacts / for auxiliary contacts 0 0 operating voltage / of auxiliary contacts 0 0 continuous current / of the auxiliary contact / rated value 500 V 00 V continuous current / of the auxiliary switch / rated value 500 V 500 V suitability for use • • 500 V suitability for use Yes • • • switch disconnector Yes • • • switch disconnector Yes • • • addROS / OF switch Yes • • addROS / OF sw		
• at AC-3 / at 900 V / rated value 110 kW • at AC-3 / at 900 V / rated value 45 kW Avxillary circlit • number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / at AC / maximum 500 V continuous contacts / for auxiliary contact / rated value 500 V continuous contage / of the auxiliary contact / rated value 500 V continuous contage / of the auxiliary contact / rated value 500 V Suitability suitability for use • • nain switch Yes • • safety switch Yes • • at other of rowe Yes • product feature / can be locked into OFF position Yes cccessories • No product extension / optional • No • woltage trigger No • number of connectable NC contacts / for auxiliary contacts 2 / attachable / maximum 3 • number of connectable NC contacts / for auxiliary contacts 4		
	• at AC-3 / at 240 V / rated value	55 kW
Auxiliary circuit 0 number of CO contacts / for auxiliary contacts 0 number of NO contacts / for auxiliary contacts 0 continuous current / of the auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary contact / rated value 500 V Suitability 748 suitability 748 Product database 748 product feature / can be locked into OFF position Yes accessories No product database No number of connectable NC contacts / for auxiliary contacts 2 / attachabale / maximum No number of concectable NC contacts / for auxiliary contacts 2 <td> at AC-3 / at 400 V / rated value </td> <td>110 kW</td>	 at AC-3 / at 400 V / rated value 	110 kW
number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of the auxiliary contacts 0 continuous current / of the auxiliary switch / rated value 500 V continuous current / of the auxiliary switch / rated value 500 V Suitability 500 V suitation voltage / of the auxiliary switch / rated value 500 V Suitability for use • • main switch Yes • EMERGENCY OFF switch Yes • safety switch Yes • product details • product details • product details No outcord frive No • woltor drive No • unaber of connectable NC contacts / for auxiliary contacts 4 / attachable / maximum 3 number of connectable NC contacts / for auxiliary contacts 0 / attachable / maximum 3 number of connectable NC contacts / for auxiliary contacts 0 / attachable / maximum 3 number of connectable NC contacts / for auxiliary contacts </td <td> at AC-3 / at 690 V / rated value </td> <td>45 kW</td>	 at AC-3 / at 690 V / rated value 	45 kW
number of CO contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of the auxiliary contacts 0 continuous current / of the auxiliary switch / rated value 500 V continuous current / of the auxiliary switch / rated value 500 V Suitability 500 V suitation voltage / of the auxiliary switch / rated value 500 V Suitability for use • • main switch Yes • EMERGENCY OFF switch Yes • safety switch Yes • product details • product details • product details No outcord frive No • woltor drive No • unaber of connectable NC contacts / for auxiliary contacts 4 / attachable / maximum 3 number of connectable NC contacts / for auxiliary contacts 0 / attachable / maximum 3 number of connectable NC contacts / for auxiliary contacts 0 / attachable / maximum 3 number of connectable NC contacts / for auxiliary contacts </td <td>Auxiliary circuit</td> <td></td>	Auxiliary circuit	
number of NC contacts / for auxiliary contacts 0 number of NC contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / AC / maximum 500 V continuous current / of the auxiliary contact / rated value 500 V suitability or use 10 A • main switch Yes • with disconnector Yes • anin switch Yes • anin switch Yes • anin switch Yes • anal hancnac/repair switch Yes Product details Yes product details No product details No number of connectable NC contacts / for auxiliary contacts 2 / attachable / maximum No number of connectable NC contacts / for auxiliary contacts 4 / attachable / maximum 3 number of connectable NC contacts / for auxiliary contacts 4 / attachable / maximum 3 number of connectable NC contacts / for auxiliary contacts 4 / attachable / maximum 3 number of connectable NC ontacts / for auxiliary contacts <td< td=""><td></td><td>0</td></td<>		0
number of NO contacts / for auxiliary contacts 0 operating voltage / of auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary contacts / at AC / maximum 10 A insulation voltage / of the auxiliary contact 500 V Suitability 500 V suitability for use 500 V • main switch Yes • winkth disconnector Yes • maintenance/repair switch Yes • naintenance/repair switch Yes Product details product feature / can be locked into OFF position recessories Yes product extension / optional No • nontor drive No • undor drive No • undor drive No number of connectable NC contacts / for auxiliary contacts 2 / attachable / maximum 3 number of connectable NO contacts / for auxiliary contacts 0 / attachable / maximum 3 number of connectable NO contacts / for auxiliary contacts 0 / attachable / maximum 3 hasp thickness / of the bracket locks		
operating voltage / of auxiliary contacts / at AC / maximum 500 V continuous current / of the auxiliary contact / rated value 10 A insulation voltage / of the auxiliary switch / rated value 500 V Suttability 500 V suitability 500 V<		
continuous current / of the auxiliary switch / rated value 10 A insulation voltage / of the auxiliary switch / rated value 500 V Suitability suitability • main switch Yes • switch disconnector Yes • SMERGENCY OFF switch Yes • safety switch Yes • maintenance/repair switch Yes Product details res product details Product details product extension / optional No • number of connectable NC contacts / for auxiliary contacts 2 / attachable / maximum 2 number of connectable NC contacts / for auxiliary contacts 4 / attachable / maximum 3 number of connectable NC contacts / for auxiliary contacts 0 / attachable / maximum 3 number of connectable NC contacts / for auxiliary contacts 0 / attachable / maximum 3 number of connectable CC contacts / for auxiliary contacts 50 kA entities 50 kA entropy 15 kA <		500 V
Insulation voltage / of the auxiliary switch / rated value 500 V Suitability suitability for use • main switch Yes • switch disconnector Yes • safety switch Yes • anain tenance/repair switch Yes • maintenance/repair switch Yes Product details Product details product feature / can be locked into OFF position Yes • motor drive No • oldage trigger No number of connectable NC contacts / for auxiliary contacts 2 / attachable / maximum No number of connectable NC contacts / for auxiliary contacts 4 / attachable / maximum 3 number of connectable NC contacts / for auxiliary contacts 0 / attachable / maximum 3 number of connectable NC contacts / for auxiliary contacts 0 / attachable / maximum 3 number of connectable NC contacts / for auxiliary contacts 0 / attachable / maximum 50 kA IetHrbrough current / with line-side fuse 50 kA IetHrbrough current / with line-side fuse 50 kA IetHrbrough current / with line-side fuse / maximum 15 kA • at 490 V / for combination switch + gG fuse / maximum permissibie 15 kA		10 A
suitability for use Yes • main switch Yes • switch disconnector Yes • EMERGENCY OFF switch Yes • safety switch Yes • maintenance/repair switch Yes Product details product feature / can be locked into OFF position product details Yes product details number of connectable NC contacts / for auxiliary contacts / attachable / maximum No number of connectable NC contacts / for auxiliary contacts 4 / attachable / maximum 0 number of connectable CO contacts / for auxiliary contacts 4 / attachable / maximum 3 number of connectable CO contacts / for auxiliary contacts 0 / attachable / maximum 3 number of connectable CO contacts / for auxiliary contacts 0 / attachable / maximum 3 number of connectable CO contacts / for auxiliary contacts 0 / attachable / maximum 3 nabay thickness / of the bracket locks 4 6 mm Short circuit 50 kA elet-through current / with line-side fuse / maximum 15 kA • at 490 V / for combination switch + gG fuse / maximum 15 kA • at 440 V / for combination switch + gG fuse / maximum 557 kA2.s <td>· · · · · · · · · · · · · · · · · · ·</td> <td>500 V</td>	· · · · · · · · · · · · · · · · · · ·	500 V
 main switch Yes switch disconnector EMERGENCY OFF switch safety switch safety switch safety switch reality and the second second	Suitability	
 main switch Yes switch disconnector EMERGENCY OFF switch safety switch safety switch safety switch reality and the second second	suitability for use	
• EMERGENCY OFF switch Yes • safety switch Yes • maintenance/repair switch Yes Product details product feature / can be locked into OFF position product feature / can be locked into OFF position Yes accessories product extension / optional • motor drive No • voltage trigger No number of connectable NC contacts / for auxiliary contacts 2 / attachable / maximum 4 number of connectable NC contacts / for auxiliary contacts 4 / attachable / maximum 3 number of connectable CO contacts / for auxiliary contacts 4 / attachable / maximum 3 number of bracket locks / maximum 3 number of bracket locks / maximum 3 hasp thickness / of the bracket locks 4 6 mm Short circuit 50 kA let-through current / with line-side fuse protection 50 kA iet 440 V / for combination switch + gG fuse / maximum 15 kA • at 690 V / by g fuse / rated value 50 kA iet-through combination switch + gG fuse / maximum 15 kA • at 690 V / for combination switch + gG fuse / maximum 15 kA • at 690 V / for combination switch + gG fuse / maximum 15 kA • at 640 V / for combina	-	Yes
safety switch Yes maintenance/repair switch Yes module fails product details product feature / can be locked into OFF position Yes accessories product extension / optional • motor drive No • 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 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 connectable CO contacts / for auxiliary contacts / attachable / maximum conditional short-circuit current / with line-side fuse protection • at 680 V / by gG fuse / rated value • at 440 V / for combination switch + gG fuse / maximum • at 440 V / for combination switch + gG fuse / maximum • at 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 / for for kall kall kall kall kall kall kall kal	 switch disconnector 	Yes
maintenance/repair switch Yes Product feature / can be locked into OFF position Yes accessories product extension / optional motor drive voltage trigger No voltage trigger No 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 shasp thickness / of the bracket locks def use protection e at 690 V / by gG fuse / rated value tet-through current / with closed switch et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination switch + gG fuse / maximum et 440 V / for combination	 EMERGENCY OFF switch 	Yes
Product details product feature / can be locked into OFF position Yes accessories product extension / optional No • motor drive No • voltage trigger No number of connectable NC contacts / for auxiliary contacts 2 / attachable / maximum 2 number of connectable NO contacts / for auxiliary contacts 4 / attachable / maximum 0 number of connectable CO contacts / for auxiliary contacts 0 / attachable / maximum 3 number of bracket locks / maximum 3 hasp thickness / of the bracket locks 4 stort circuit 50 kA let-through current / with line-side fuse 50 kA let-through current / with line-side fuse 50 kA let-through current / with losed switch 4 • at 690 V / for combination switch + gG fuse / maximum 15 kA maximum • at 440 V / for combination switch + gG fuse / maximum 15 kA • at 420 V / for combination switch + gG fuse / maximum 557 kA2.s izt value / with closed switch • 557 kA2.s	 safety switch 	Yes
product feature / can be locked into OFF position Yes accessories product extension / optional No • motor drive No No • number of connectable NC contacts / for auxiliary contacts 2 /attachable / maximum number of connectable NC contacts / for auxiliary contacts 4 /attachable / maximum number of connectable CO contacts / for auxiliary contacts 0 /attachable / maximum number of connectable CO contacts / for auxiliary contacts 0 /attachable / maximum number of bracket locks / maximum 3 hasp thickness / of the bracket locks 4 6 mm Short circuit conditional short-circuit current / with line-side fuse protection 50 kA 15 kA iet400 V / for combination switch + gG fuse / maximum 15 kA 15 kA 15 kA imaximum i at 690 V / for combination switch + gG fuse / maximum 15 kA 15 kA imaximum i at 440 V / for combination switch + gG fuse / maximum 557 kA2.s 557 kA2.s	 maintenance/repair switch 	Yes
accessories product extension / optional • motor drive No • voltage trigger No number of connectable NC contacts / for auxiliary contacts 2 / attachable / maximum 4 number of connectable NO contacts / for auxiliary contacts 4 / attachable / maximum 0 number of connectable CO contacts / for auxiliary contacts 0 / attachable / maximum 3 number of bracket locks / maximum 3 nasp thickness / of the bracket locks 4 6 mm Short circuit 50 kA let-through current / with line-side fuse protection 60 kA • at 690 V / by gG fuse / rated value 50 kA let-through current / with closed switch 15 kA • at 440 V / for combination switch + gG fuse / maximum 15 kA • at 440 V / for combination switch + gG fuse / maximum 15 kA • at 240 V / for combination switch + gG fuse / maximum 15 kA • at 240 V / for combination switch + gG fuse / maximum 557 kA2.s l2t value / with closed switch 557 kA2.s		
product extension / optional No • motor drive No • voltage trigger No number of connectable NC contacts / for auxiliary contacts 2 / attachable / maximum 2 number of connectable NO contacts / for auxiliary contacts 4 / attachable / maximum 0 number of connectable CO contacts / for auxiliary contacts 4 / attachable / maximum 0 number of bracket locks / maximum 3 hasp thickness / of the bracket locks 4 6 mm Short circuit 50 kA Iet-through current / with line-side fuse protection 50 kA iet-through current / with closed switch 15 kA • at 440 V / for combination switch + gG fuse / maximum 15 kA • at 440 V / for combination switch + gG fuse / maximum 15 kA • at 240 V / for combination switch + gG fuse / maximum 15 kA • at 440 V / for combination switch + gG fuse / maximum 15 kA • at 240 V / for combination switch + gG fuse / maximum 557 kA2.s izt value / with closed switch 557 kA2.s		
motor drive voltage trigger No voltage trigger No number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum at hasp thickness / of the bracket locks soft circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value 50 kA let-through current / with closed switch • at 240 V / for combination switch + gG fuse / maximum • at 690 V / for combination switch + gG fuse / maximum • at 690 V / for combination switch + gG fuse / maximum • at 690 V / for combination switch + gG fuse / maximum • at 640 V / for combination switch + gG fuse / maximum • at 640 V / for combination switch + gG fuse / maximum • at 640 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 swi	Product details	Yes
• voltage trigger No number of connectable NC contacts / for auxiliary contacts 2 / attachable / maximum 2 number of connectable NO contacts / for auxiliary contacts 4 / attachable / maximum 0 number of connectable CO contacts / for auxiliary contacts 0 / attachable / maximum 3 number of bracket locks / maximum 3 hasp thickness / of the bracket locks 4 6 mm Short circuit 50 kA let-through current / with line-side fuse protection 50 kA e at 690 V / by gG fuse / rated value 50 kA let-through current / with closed switch 15 kA • at 440 V / for combination switch + gG fuse / maximum 15 kA • at 690 V / for combination switch + gG fuse / maximum 15 kA • at 690 V / for combination switch + gG fuse / maximum 15 kA i at 690 V / for combination switch + gG fuse / maximum 557 kA2.s i at 440 V / for combination switch + gG fuse / maximum 557 kA2.s	Product details product feature / can be locked into OFF position	Yes
number of connectable NC contacts / for auxiliary contacts 2 / attachable / maximum 4 number of connectable NO contacts / for auxiliary contacts 4 / attachable / maximum 0 number of connectable CO contacts / for auxiliary contacts 0 / attachable / maximum 3 number of bracket locks / maximum 3 hasp thickness / of the bracket locks 4 6 mm Short circuit 50 kA conditional short-circuit current / with line-side fuse protection 50 kA e at 690 V / by gG fuse / rated value 50 kA let-through current / with closed switch 15 kA e at 440 V / for combination switch + gG fuse / maximum 15 kA e at 690 V / for combination switch + gG fuse / maximum 15 kA e at 690 V / for combination switch + gG fuse / maximum 15 kA e at 690 V / for combination switch + gG fuse / maximum 557 kA2.s i at 240 V / for combination switch + gG fuse / maximum 557 kA2.s e at 440 V / for combination switch + gG fuse / maximum 557 kA2.s	Product details product feature / can be locked into OFF position accessories	Yes
/ attachable / maximum 4 number of connectable NO contacts / for auxiliary contacts / attachable / maximum 4 number of connectable CO contacts / for auxiliary contacts / attachable / maximum 0 number of bracket locks / maximum 3 hasp thickness / of the bracket locks 4 6 mm Short circuit 50 kA conditional short-circuit current / with line-side fuse protection 50 kA let-through current / with closed switch 15 kA • at 240 V / for combination switch + gG fuse / maximum 15 kA • at 440 V / for combination switch + gG fuse / maximum 15 kA • at 420 V / for combination switch + gG fuse / maximum 15 kA • at 440 V / for combination switch + gG fuse / maximum 557 kA2.s lzt value / with closed switch 557 kA2.s	Product details product feature / can be locked into OFF position accessories product extension / optional	
/ attachable / maximum 0 number of connectable CO contacts / for auxiliary contacts / attachable / maximum 0 number of bracket locks / maximum 3 hasp thickness / of the bracket locks 4 6 mm Short circuit 50 kA conditional short-circuit current / with line-side fuse protection 50 kA et-through current / with closed switch 50 kA iet-through current / with closed switch 15 kA • at 240 V / for combination switch + gG fuse / maximum 15 kA • at 440 V / for combination switch + gG fuse / maximum 15 kA • at 690 V / for combination switch + gG fuse / maximum 15 kA • at 240 V / for combination switch + gG fuse / maximum 15 kA • at 690 V / for combination switch + gG fuse / maximum 557 kA2.s	Product details product feature / can be locked into OFF position accessories product extension / optional • motor drive	No
/ attachable / maximum number of bracket locks / maximum hasp thickness / of the bracket locks 3 hasp thickness / of the bracket locks 4 6 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 I2t value / with closed switch • at 240 V / for combination switch + gG fuse / maximum • at 440 V / for combination switch + gG fuse / maximum • at 440 V / for combination switch + gG fuse / soft ka2.s	Product details product feature / can be locked into OFF position accessories product extension / optional • motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts	No No
hasp thickness / of the bracket locks 4 6 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 50 kA • at 240 V / for combination switch + gG fuse / maximum 15 kA • at 440 V / for combination switch + gG fuse / maximum 15 kA • at 690 V / for combination switch + gG fuse / maximum 15 kA • at 690 V / for combination switch + gG fuse / maximum 15 kA • at 240 V / for combination switch + gG fuse / maximum 557 kA2.s izt value / with closed switch 557 kA2.s	Product details product feature / can be locked into OFF position accessories product extension / optional	No No 2
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 50 kA • at 240 V / for combination switch + gG fuse / maximum 15 kA • at 440 V / for combination switch + gG fuse / maximum 15 kA • at 690 V / for combination switch + gG fuse / maximum 15 kA • at 690 V / for combination switch + gG fuse / maximum 15 kA • at 690 V / for combination switch + gG fuse / maximum 15 kA i 2tt value / with closed switch 557 kA2.s maximum 557 kA2.s	Product details product feature / can be locked into OFF position accessories product extension / optional • motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts	No No 2 4
conditional short-circuit current / with line-side fuse protection 50 kA • at 690 V / by gG fuse / rated value 50 kA let-through current / with closed switch 50 kA • at 240 V / for combination switch + gG fuse / maximum 15 kA • at 440 V / for combination switch + gG fuse / maximum 15 kA • at 690 V / for combination switch + gG fuse / maximum 15 kA • at 690 V / for combination switch + gG fuse / maximum 15 kA • at 690 V / for combination switch + gG fuse / maximum 15 kA • at 690 V / for combination switch + gG fuse / maximum 15 kA • at 690 V / for combination switch + gG fuse / maximum 557 kA2.s izt value / with closed switch 557 kA2.s • at 440 V / for combination switch + gG fuse / maximum 557 kA2.s	Product details product feature / can be locked into OFF position accessories product extension / optional	No No 2 4 0
protection50 kAlet-through current / with closed switch50 kAlet-through current / with closed switch15 kA• at 240 V / for combination switch + gG fuse / maximum15 kA• at 440 V / for combination switch + gG fuse / maximum15 kA• at 690 V / for combination switch + gG fuse / maximum permissible15 kAI2t value / with closed switch557 kA2.s• at 440 V / for combination switch + gG fuse / maximum permissible557 kA2.s	Product details product feature / can be locked into OFF position accessories product extension / optional • motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum	No No 2 4 0 3
let-through current / with closed switch • at 240 V / for combination switch + gG fuse / naximum • at 440 V / for combination switch + gG fuse / naximum • at 690 V / for combination switch + gG fuse / naximum • at 690 V / for combination switch + gG fuse / 15 kA maximum • at 690 V / for combination switch + gG fuse / 15 kA naximum permissible l2t value / with closed switch • at 240 V / for combination switch + gG fuse / naximum • at 440 V / for combination switch + gG fuse / 557 kA2.s	Product details product feature / can be locked into OFF position accessories product extension / optional • motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum	No No 2 4 0 3
 at 240 V / for combination switch + gG fuse / 15 kA at 440 V / for combination switch + gG fuse / 15 kA at 690 V / for combination switch + gG fuse / 15 kA at 690 V / for combination switch + gG fuse / 15 kA at 690 V / for combination switch + gG fuse / 557 kA2.s at 440 V / for combination switch + gG fuse / 557 kA2.s 	Product details product feature / can be locked into OFF position accessories product extension / optional • motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse	No No 2 4 0 3
 at 440 V / for combination switch + gG fuse / 15 kA at 690 V / for combination switch + gG fuse / 15 kA at 690 V / for combination switch + gG fuse / 15 kA I2t value / with closed switch at 240 V / for combination switch + gG fuse / 557 kA2.s at 440 V / for combination switch + gG fuse / 557 kA2.s 	Product details product feature / can be locked into OFF position accessories product extension / optional • motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum 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	No No 2 4 0 3 4 6 mm
• at 690 V / for combination switch + gG fuse / maximum permissible 15 kA I2t value / with closed switch 557 kA2.s • at 240 V / for combination switch + gG fuse / maximum 557 kA2.s • at 440 V / for combination switch + gG fuse / 557 kA2.s	Product details product feature / can be locked into OFF position accessories product extension / optional • motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum 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 /	No No 2 4 0 3 4 6 mm
I2t value / with closed switch 6 • at 240 V / for combination switch + gG fuse / maximum 557 kA2.s • at 440 V / for combination switch + gG fuse / 557 kA2.s	Product details product feature / can be locked into OFF position accessories product extension / optional • motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value let-through current / with closed switch • at 240 V / for combination switch + gG fuse / maximum • at 440 V / for combination switch + gG fuse /	No No 2 4 0 3 4 6 mm 50 kA 15 kA
 at 240 V / for combination switch + gG fuse / 557 kA2.s at 440 V / for combination switch + gG fuse / 557 kA2.s 	Product details product feature / can be locked into OFF position accessories product extension / optional • motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value let-through current / with closed switch • at 240 V / for combination switch + gG fuse / maximum • at 440 V / for combination switch + gG fuse / maximum • at 690 V / by combination switch + gG fuse / maximum • at 690 V / for combination switch + gG fuse /	No No 2 4 0 3 4 6 mm 50 kA 15 kA 15 kA
• at 440 V / for combination switch + gG fuse / 557 kA2.s	Product details product feature / can be locked into OFF position accessories product extension / optional • motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value let-through current / with closed switch • at 240 V / for combination switch + gG fuse / maximum • at 440 V / for combination switch + gG fuse / maximum • at 690 V / by combination switch + gG fuse / maximum • at 690 V / for combination switch + gG fuse / maximum	No No 2 4 0 3 4 6 mm 50 kA 15 kA 15 kA
	Product details product feature / can be locked into OFF position accessories product extension / optional • motor drive • voltage trigger number of connectable NC contacts / for auxiliary contacts / attachable / maximum number of connectable NO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of connectable CO contacts / for auxiliary contacts / attachable / maximum number of bracket locks / maximum number of bracket locks / maximum hasp thickness / of the bracket locks Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value let-through current / with closed switch • at 240 V / for combination switch + gG fuse / maximum • at 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	No No 2 4 0 3 4 6 mm 50 kA 15 kA 15 kA

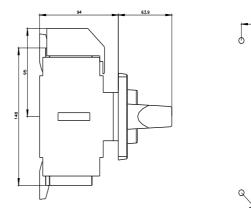
 at 690 V / for combination switch + gG fuse / maximum 	557 kA2.s	
design of the fuse link		
 for short-circuit protection of the main circuit / required 	fuse gL/gG: 250 A	
 for short-circuit protection of the auxiliary switch / required 	fuse gL/gG: 10 A	
operational current / of upstream fuse / rated value	250 A	
according UL		
operational current / at AC / according to UL 508/UL 60947-4-1 / rated value	250 A	
operating voltage / at AC / at 50/60 Hz / according to UL 508/UL 60947-4-1 / rated value	600 V	
active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value	100	
active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	75	
short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1	10 kA	
continuous current / of upstream fuse / according to UL / rated value	200 A	
type of fuse / according to UL	RK5	
Connections		
AWG number / as coded connectable conductor cross		
section / solid		
• minimum	1	
type of connectable conductor cross-sections / for copper conductor	4 (40 405 3)	
• solid	1x (16185mm ²)	
 finely stranded / with core end processing 	1x (16150mm ²)	
• stranded	1x (16185mm²)	
type of connectable conductor cross-sections / for auxiliary contacts		
• solid	2x (0.75 2.5 mm ²), 1x 4 mm ²	
 finely stranded / with core end processing 	2x (0.75 1.5 mm ²), 1x 2.5 mm ²	
stranded	2x (0.75 2.5 mm²), 1x 4 mm²	
type of electrical connection	here terms in al	
for main current circuit	box terminal	
for auxiliary contacts	connection terminals	
Mechanical Design	100	
height	169 mm	
width	112 mm	
depth	94 mm	
type of device	fixed mounting	
fastening method	Built-in unit fixed-mounted version	
fastening method	No	
4-hole front mounting	No	
front mounting with central attachment	No	
rail mounting	No	
net weight	2 047 g	
Environmental conditions		
ambient temperature / during operation	25.00	
• minimum	-25 °C	
maximum ambient temperature / during storage	55 °C	
ambient temperature / during storage	25 °C	
● minimum ● maximum	-25 °C 55 °C	
		Declaration of
General Product Approval		Conformity

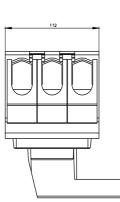


Further information

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