## **SIEMENS**

Data sheet 3LD2405-3VK11

SENTRON, Switch disconnector 3LD, main switch, 6-pole, lu=250 A, Operating power / at AC-23 A at 400 V: 132 kW, front-mounted, knoboperated mechanism, black, 4-hole mounting of the handle



Model			
product brand name	SENTRON		
product designation	3LD Switch disconnector		
design of the product	Main switch		
display version / for switch position indicator manual operation	1 ON - 0 OFF		
design of the actuating element	selector switch		
design of handle	knob-operated mechanism, black		
type of the driving mechanism / motor drive	No		
General technical data			
number of poles	6		
type of device	fixed mounting		
type of switch	front mounted		
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		
I2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum	557 kA2.s		
let-through I2t value / with closed switch / at 440 V / for combination switch + gG fuse / maximum	557 kA2.s		
operating frequency / maximum	50 1/h		
Voltage			
insulation voltage / rated value	690 V		
surge voltage resistance / rated value	8 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]			
<ul> <li>for rated value of the current / at AC / in hot operating state / per pole</li> </ul>	36 W		
<ul> <li>per conductor / typical</li> </ul>	36 W		
Current			
operational current			
<ul><li>at 40 °C / rated value</li></ul>	250 A		
<ul> <li>at 45 °C / rated value</li> </ul>	250 A		
<ul> <li>at 50 °C / rated value</li> </ul>	250 A		
at 55 °C / rated value	250 A		

and AC 23 A if at 90 V if rated value at AC-21 A if at 90 V if rated value at AC-21 A if at 90 V rated value at AC-21 A if at 90 V rated value at AC-21 A if at 90 V rated value at AC-22 A if at 90 V rated value at AC-22 A if at 90 V rated value bethrough current / with closed switch at AC-22 A if at 90 V rated value at 40 V rot combinates witch + gG fuse / maximum permissible  Water activity of the activity of	-t AO /tdl	050 A
e at AC-21 At 860 V / rated value 250 A  e at AC-21 A / at 440 V / rated value 250 A  e at AC-21 A / at 440 V / rated value 250 A  e at AC-21 A / at 440 V / rated value 250 A  extended to the state of	at AC / rated value	250 A
e at AC-21 A / at 440 V / rated value 250 A   operational current / of upstream rise / rated value 250 A   poperational current / of upstream rise / rated value 250 A   let-through current / with closed switch		
e at AC-21 At at 440 V I rated value  Jet-hrough current / or upstream fuse / rated value  Jet-hrough current / with closed switch  at 440 V / for combination switch + gG fuse /  at 460 V / for combination switch + gG fuse /  at 460 V / for combination switch + gG fuse /  at 460 V / for combination switch + gG fuse /  at AC-23 A / at 240 V / rated value  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-23 A / at 400 V / rated value  at AC-31 at 500 V /		
operational current / vith closed switch  at 440 V / for combination switch + gG fuse / maximum  at 890 V / for combination switch + gG fuse / maximum  at 890 V / for combination switch + gG fuse / maximum permissible  Main circuit  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-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-31 at 400 V / rated value  at AC-31 at 800 V /		
let-through current / with closed switch + at 44 V/ 1 for combination switch + gG fuse / saximum		
at 440 V / for combination switch + gG fuse / maximum at 890 V / for combination switch + gG fuse / maximum permissible  Main circuit operating power at AC 23 A / at 240 V / rated value at AC 23 A / at 240 V / rated value 132 kW at AC 23 A / at 440 V / rated value 132 kW at AC 23 A / at 440 V / rated value 55 kW at AC 23 A / at 490 V / rated value 4 AC 23 A / at 490 V / rated value 55 kW at AC 23 / at 480 V / rated value 4 AC 23 / at 480 V / rated value 4 AC 23 / at 480 V / rated value 4 AC 23 / at 580 V / rated value 4 AC 23 / at 580 V / rated value 4 AC 23 / at 580 V / rated value 9 certain value rate / value 9 certain value / value / value 9 certain value / value / value / value 9 certain value / valu	· · · · · · · · · · · · · · · · · · ·	250 A
maximum entissible  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  at AC-23 A / at 440 V / rated value  at AC-23 A / at 440 V / rated value  at AC-23 A / at 40 V / rated value  at AC-23 A / at 40 V / rated value  at AC-23 A / at 40 V / rated value  at AC-33 A / at 40 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  45 kW  operational current / reted value  Auxiliary directit  number of CO 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  operating voltage / of auxiliary contacts  operating voltage / of auxiliary contacts  number of NC contacts / for auxiliary contacts  operating voltage / of auxiliary contacts  operating voltage / of auxiliary contacts  operating voltage / of the auxiliary contacts  operating voltage / of auxiliary contacts  operating voltage / of sucliary switch / rated value  insulation voltage / of the auxiliary contact / rated value  insulation voltage / of the auxiliary contacts  operating voltage / of sucliary switch / 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  insulation voltage / of the auxiliary contact / rated value  insulation voltage / of the auxiliary contact / rated value  insulation voltage / of the auxiliary contact / rated value  insulation voltage / of the auxiliary contact / rated value  insulation voltage / of the auxiliary contact / rated value  insulation voltage / of the auxiliary contact / rated value  insulation voltage / of the auxiliary contact / rated value  insulation voltage / of voltage / rated value  insulation voltage / of voltage / rated value  insulation voltage / of voltage / rated value	•	45 140
anathum permissible manum perm		15 KA
maximum permissible  Main circuit  operating power  at AC-23 A / at 40 V / rated value  at AC-23 A / at 40 V / rated value  at AC-23 A / at 40 V / rated value  at AC-33 A / at 40 V / rated value  55 kW  at AC-37 at 230 V / rated value  55 kW  at AC-37 at 230 V / rated value  55 kW  at AC-37 at 250 V / rated value  55 kW  at AC-37 at 250 V / rated value  55 kW  at AC-37 at 250 V / rated value  55 kW  at AC-37 at 250 V / rated value  55 kW  at AC-37 at 250 V / rated value  55 kW  at AC-37 at 250 V / rated value  55 kW  at AC-37 at 250 V / rated value  55 kW  at AC-37 at 250 V / rated value  55 kW  at AC-37 at 250 V / rated value  55 kW  at AC-37 at 250 V / rated value  55 kW  at AC-37 at 250 V / rated value  75 kW  perational current / rated value  250 A  Auxiliary circuit  number of NC contacts / for auxiliary contacts  0 number of NC contacts / for auxiliary contacts  0 perating voltage / of auxiliary contacts / at AC/ maximum  500 V  continuous current / of the auxiliary contact / rated value  insulation voltage / of the auxiliary switch / rated value  500 V  Suitability  suitability for use  a main switch  Yes  a safety switch  b safety switch  yes  Appearance  coor / of the actualing element  black  Product defaulis  product feature  a can be locked into OFF position  yes  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  a hasp thickness / of the bracket locks / maximum  a motor drive  voltage trigger  No  No  object circuit  conditional short circuit current / with line-side fuse protection  a tt 600 V / by gG fuse / rated value  50 kA  coording UL  operational current / at AC / according to UL  508/UL 60947-4-1 / rated value  500 V / cocording to UL  508/UL 60947-4-1 / rated value  500 V / cocording to UL  508/UL 60947-4-1 / rated value		15 kA
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-32 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 250 V / rated value  at AC-3 / at 240 V / rated value  at AC-3 / at 250 V / rated value  at AC-3 / at 250 V / rated value  at AC-3 / at 250 V / rated value  at AC-3 / at 250 V / rated value  by at AC-3 / at 250 V / rated value  at AC-3 / at 250 V / rated value  contacts / for auxiliary contacts  operating voltage / of auxiliary contacts  operating voltage / of auxiliary contacts / at AC / maximum  operating voltage / of auxiliary contacts / at AC / maximum  continuous current / of the auxiliary contacts / at AC / maximum  operating voltage / of auxiliary switch / rated value  insulation voltage / of the auxiliary switch / rated value  suitability for use  a main switch  yes  a main switch  yes  be suitability or use  a main switch  yes  Appearance  color / of the actuating element  black  Product datails  product feature  a can be locked into OFF position  yes  color / of the actuating element  black  Product datails  product feature  a can be locked into OFF position  yes  number of bracket locks / maximum  hasp thickness / of the bracket locks / minimum  a hasp thickness / of the bracket locks / minimum  a hasp thickness / of the bracket locks / minimum  a hasp thickness / of the bracket locks / maximum  basp thickness / of the bracket locks / maximum  basp thickness / of the bracket locks / maximum  basp thickness / of the bracket locks / maximum  basp thickness / of the bracket locks / maximum  basp thickness / of the bracket locks / maximum  a coording UL  conditional short-circuit current / with line-side fuse  product extension / optional  a coording UL  conditional short-circuit current / with line-side fuse  product extension / optional  a coording UL  condi		10.101
* at AC-23 A / at 440 V / rated value	Main circuit	
* at AC-23 A / at 440 V / rated value	operating power	
at AC-23 A / at 4440 V / rated value at AC-23 A / at 590 V / rated value 55 kW at AC-23 A / at 590 V / rated value 55 kW at AC-3 / at 400 V / rated value 110 kW at AC-3 / at 590 V / rated value 4 kW operational current / rated value 250 A Ausitary 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 10 operating voltage / of auxiliary contacts 10 operating voltage / of auxiliary contacts 10 operating voltage / of auxiliary contact / rated value 10 A insulation voltage / of the auxiliary switch / rated value 10 A insulation voltage / of the auxiliary switch / rated value 10 A insulation voltage / of the auxiliary switch / rated value 10 A insulation voltage / of the auxiliary switch / rated value 10 A insulation voltage / of the auxiliary switch / rated value 10 A insulation voltage / of the auxiliary switch / rated value 10 A insulation voltage / of the auxiliary switch / rated value 10 A insulation voltage / of the auxiliary switch / rated value 10 A insulation voltage / of the auxiliary switch / rated value 10 A insulation voltage / of the auxiliary switch / rated value 10 A insulation voltage / of the auxiliary switch / rated value 10 A insulation voltage / of the auxiliary switch / rated value 10 A insulation voltage / of the switch 10 A insulation voltage / of the contact / rated value 10 A insulation voltage / of auxiliary switch / rated value 10 A insulation voltage / of auxiliary switch / rated value 10 A insulation voltage / of auxiliary switch / rated value 10 A insulation voltage / of auxiliary switch / rated value 10 A insulation voltage / of auxiliary switch / rated value 10 A insulation voltage / of auxiliary switch / rated value 10 A insulation voltage / of auxiliary switch / rated value 10 A insulation voltage / of auxiliary switch / rated value 10 A insulation voltage / of auxiliary switch / rated value 10 A insulation voltage / of auxiliary switch / r		75 kW
* at AC-23 A / at 690 V / rated value 55 kW  * at AC-3 / at 240 V / rated value 110 kW  * at AC-3 / at 890 V / rated value 250 A  * at AC-3 / at 890 V / rated value 250 A  * at AC-3 / at 890 V / rated value 250 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  * 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 100 v  * continuous current / of the auxiliary contact / rated value 100 v  * insulation voltage / of the auxiliary switch / rated value 100 v  * Sultability  * sultability for use	<ul><li>at AC-23 A / at 400 V / rated value</li></ul>	132 kW
at AC-3 / at 240 V / rated value at AC-3 / at 400 V / rated value 110 kW at AC-3 / at 400 V / rated value 45 kW operational current / rated value 250 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 0 operating voltage / of auxiliary contacts 0 operating voltage / of the auxiliary contacts 0 operating voltage / of the auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value 10 A insulation voltage / of the auxiliary switch / rated value 10 A insulation voltage / of the auxiliary switch / rated value 10 A insulation voltage / of the auxiliary switch / rated value 10 A insulation voltage / of the auxiliary switch / rated value 10 A insulation voltage / of the auxiliary switch / Yes 10 EMERGENCY OFF switch 10 Safety switch 11 Safety switch 12 Safety switch 13 Safety switch 14 Safety switch 15 Safety switch 16 Safety switch 17 Safety switch 17 Safety switch 18 Safety switch 19 Safety switch 10 Safety Safet	<ul><li>at AC-23 A / at 440 V / rated value</li></ul>	132 kW
at AC-3 / at 400 V / rated value  poperational current / rated value  250 A  Auxiliary circuit  number of CO contacts / for auxiliary contacts  number of NC contacts / for auxiliary contact / rated value  continuous current / of the auxiliary contact / rated value  insulation voltage / of the auxiliary switch / rated value  solutability  suitability for use  nain switch  switch disconnector  EMERGENCY OFF switch  safety switch  safety switch  safety switch  ves  hanitenance/repair switch  Yes  Appearance  color / of the actuating element  Product details  product feature  a can be locked into OFF position  yes  number of bracket locks / maximum  hasp thickness / of the bracket locks / minimum  hasp thickness / of the bracket locks / minimum  hasp thickness / of the bracket locks / minimum  number of bracket locks / maximum  product extension / optional  notor drive  votage frigger  No  Short circuit  conditional short-circuit current / with line-side fuse protection  at 630 V / by gG fuse / rated value  scoording UL  operating voltage / at AC / at 480 V / according to UL  508/UL 60947-4-1 / rated value  active power [hg] / at AC / at 480 V / according to UL  508/UL 60947-4-1 / rated value  active power [hg] / at AC / at 480 V / according to UL  508/UL 60947-4-1 / rated value  active power [hg] / at AC / at 480 V / according to UL  508/UL 60947-4-1 / rated value  active power [hg] / at AC / at 480 V / according to UL  508/UL 60947-4-1 / rated value  active power [hg] / at AC / at 600 V / according to UL  508/UL 60947-4-1 / rated value	<ul><li>at AC-23 A / at 690 V / rated value</li></ul>	55 kW
• at AC-3 / at 690 V / rated value 250 A  Auxillary creuit  number of CO contacts / for auxillary contacts 0 number of NC contacts / for auxillary contacts 0 number of NC contacts / for auxillary contacts 0 operating voltage / of auxiliary contacts / at C / maximum 500 V continuous current / of the auxiliary switch / rated value 10 A insulation voltage / of the auxiliary switch / rated value 500 V  Suitability  suitability suitability ouse • main switch Yes • switch disconnector Yes • EMERGENCY OFF switch No • safety switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes  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 / minimum 6 motor drive No • voltage trigger  No  Short circuit conditional short-circuit current / with line-side fuse protection • at 690 Y / by 9G fuse / rated value 500 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 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	<ul><li>at AC-3 / at 240 V / rated value</li></ul>	55 kW
at AC-3 / at 690 V / rated value  operational current / rated value  Auxillary circuit  number of CO contacts / for auxillary contacts  number of NC contacts / for auxillary contacts  number of NC contacts / for auxillary contacts  operating voltage / of auxillary contacts / at AC / maximum  continuous current / of the auxiliary contact / rated value  insulation voltage / of the auxiliary switch / rated value  suitability  suitability  suitability  suitability for use  • main switch  • switch disconnector  • EMERGENCY OFF switch  • safety switch  • maintenance/repair 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 / minimum  • monor drive  • voltage trigger  No  Short circuit  conditional short-circuit current / with line-side fuse protection  • at 690 Y / by 9G fuse / rated value  scive power [hp] / at AC / at 480 V / according to UL  508/UL 60947-4-1 / rated value  active power [hp] / at AC / at 1480 V / according to UL  508/UL 60947-4-1 / rated value  active power [hp] / at AC / at 1600 V / according to UL  508/UL 60947-4-1 / rated value  active power [hp] / at AC / at 1480 V / according to UL  508/UL 60947-4-1 / rated value  active power [hp] / at AC / at 1600 V / according to UL  508/UL 60947-4-1 / rated value  active power [hp] / at AC / at 1600 V / according to UL  508/UL 60947-4-1 / rated value  active power [hp] / at AC / at 1600 V / according to UL  508/UL 60947-4-1 / rated value  active power [hp] / at AC / at 1600 V / according to UL  508/UL 60947-4-1 / rated value  active power [hp] / at AC / at 1480 V / according to UL  508/UL 60947-4-1 / rated value  active power [hp] / at AC / at 1480 V / according to UL  508/UL 60947-4-1 / rated value		110 kW
operational current / rated value 250 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 number of NC contacts / for auxiliary contact 0 operating voltage / of auxiliary contact / 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  Suitability suitability for use  • main switch Yes • main switch Yes • safety switch No • safety switch Yes • maintenance/repair switch • feature switch Yes • maintenance/repair switch • feature switch Yes • maintenance/repair switch • feature switch Yes • maintenance/repair switch •		
Auxillary circuit number of CO contacts / for auxillary contacts number of NC contacts / for auxillary contacts operating voltage / of auxillary contacts operating voltage / of auxillary contacts / at AC / maximum continuous current / of the auxillary contact / rated value insulation voltage / of the auxillary switch / rated value insulation voltage / of the auxillary switch / rated value  Suitability  suitability for use • main switch • switch disconnector • EMERGENCY OFF switch • switch disconnector • EMERGENCY OFF switch • 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 Y / by gG fuse / 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		
number of NC contacts / for auxiliary contacts number of NC contacts / for auxiliary contacts operating voltage / of auxiliary contacts operating voltage / of auxiliary contacts / rated value operating voltage / of auxiliary contact / rated value insulation voltage / of the auxiliary switch / rated value southinuous current / of the auxiliary switch / rated value  Suitability suitability suitability suitability suitability suitability for use • main 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 / minimum hasp thickness / of the bracket locks / minimum • nany thickness / of the bracket locks / minimum • woltage trigger  Short circuit conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value set 69047-4-1 / 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		
number of NC contacts / for auxiliary contacts 0  number of NC contacts / for auxiliary contacts 0  operating voltage / of auxiliary contacts		0
number of NO centacts / for auxiliary centacts   0   operating voltage / of auxiliary centacts / at AC / maximum   500 V   continuous current / of the auxiliary centacts / at AC / maximum   insulation voltage / of the auxiliary switch / rated value   500 V   Suitability   Suitability for use   • main switch   Yes   • switch disconnector   Yes   • switch disconnector   Yes   • EMERGENCY OFF switch   No   • safety switch   Yes   • maintenance/repair switch   Yes   • maintenance/repair switch   Yes    Appearance   color / of the actuating element   black    Product details   product details   product feature   • and b 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   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   Operational current / at AC / at 480 V / according to UL 508/UL   copal/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   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		
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 • Safety switch • switch disconnector • EMERGENCY OFF switch • safety switch • main switch • safety switch • main switch • safety switch • safety switch • main switch • safety switch • person to the actual great of the safety switch • main switch • safety switch • safety switch • person to the safety switch • safety switch • person to the safety switch • product details  product details  product feature • can be locked into OFF position • can be locked into OFF position • product eathers of the bracket locks / maximum • hasp thickness / of the bracket locks / minimum • hasp thickness / of the bracket locks / minimum • more drive • voltage frigger • 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 20/60 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		
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 • safety switch • maintenance/repair switch • safety switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch • product details  product details  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 / at coording 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 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  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 • Seffey switch • safety switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch  Appearance  color / of the actuating element • 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 (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 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		
Suitability suitability for use  • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • maintenance/repair switch • maintenance/repair switch • maintenance/repair switch • resemble 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 4 mm hasp thickness / of the bracket locks / maximum  or 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 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 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		
suitability for use  • main switch • switch disconnector • EMERGENCY OFF switch • safety switch • safety 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  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 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 short-time withstand current (SCCR) / at 600 V / according		
main switch switch disconnector EMERGENCY OFF switch safety switch maintenance/repair 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  moroduct extension / optional moroduct extension /		
switch disconnector     EMERGENCY OFF switch     safety switch     maintenance/repair switch     Yes     maintenance/repair switch  Appearance  Color / of the actuating element  Product details  product feature     ocan be locked into OFF position     number of bracket locks / maximum     ansy thickness / of the bracket locks / minimum     hasp thickness / of the bracket locks / maximum     hasp thickness / of the bracket locks / maximum     hasp thickness / of the bracket locks / maximum     ontor drive     voltage trigger  Short circuit  Conditional short-circuit current / with line-side fuse protection     at 690 V / by gG fuse / rated value  Short circuit 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 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  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		Vac
EMERGENCY OFF switch safety switch safety switch ministeriance/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 / minimum hasp thickness / of the bracket locks / maximum for under of vice not of the bracket locks / maximum hasp thickness / of the bracket locks / maximum for drive not drive voltage trigger  Short circuit Conditional short-circuit current / with line-side fuse protection at 690 V / by gG fuse / rated value  Short circuit 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 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL short-time withstand current (SCCR) / at 600 V / according to UL		
safety switch     maintenance/repair switch     Yes  Appearance  color / of the actuating element     black  Product details  product feature		
maintenance/repair switch     Appearance     color / of the actuating element     Product details     product details     product feature		
Appearance  color / of the actuating element black  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 6 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  active power [hp] / at AC / at 480 V / according to UL 508/UL 60947-4-1 / rated value  active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value  short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1 / rated value		
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  o mm  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  short-time withstand current (SCCR) / at 600 V / according  10 kA		165
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  6 mm  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 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  active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	- 11	his-i-
product feature		DIACK
• 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  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 / according to UL 508/UL  operationy 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  short-time withstand current (SCCR) / at 600 V / according		
number of bracket locks / maximum  hasp thickness / of the bracket locks / minimum  hasp thickness / of the bracket locks / minimum  moroduct 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  secording 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  short-time withstand current (SCCR) / at 600 V / according 10 kA	•	
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 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 [kp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 10 kA	·	
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  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 10 kA		
product extension / optional  ● motor drive  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  operational current / at AC / at 50/60 Hz / according to UL  operating voltage / at AC / at 50/60 Hz / according to 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 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  10 kA		
motor drive     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  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  10 kA		6 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 10 kA		
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  10 kA		
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  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  10 kA		No .
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  10 kA	Short circuit	
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  10 kA	protection	
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  10 kA	at 690 V / by gG fuse / rated value	50 kA
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  10 kA	according UL	
solative 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  10 kA		250 A
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  10 kA		600 V
508/UL 60947-4-1 / rated value short-time withstand current (SCCR) / at 600 V / according 10 kA		100
		75

General Product Approval		Declaration of Conformity	
ambient temperature / during storage / minimum	-25 °C		
maximum	55 °C		
• minimum	-25 °C		
ambient temperature / during operation			
Environmental conditions			
net weight	3 925 g		
rail mounting	No		
<ul> <li>front mounting with central attachment</li> </ul>	No		
4-hole front mounting	Yes		
fastening method			
fastening method	Built-in unit fixed-mounted version		
depth	94 mm		
width	112 mm		
height	169 mm		
Mechanical Design			
<ul> <li>for short-circuit protection of the auxiliary switch / required</li> </ul>	fuse gL/gG: 10 A		
design of the fuse link  • for short-circuit protection of the main circuit / required	fuse gL/gG: 250 A		
Requirements			
for auxiliary contacts	connection terminals		
for main current circuit     for auxiliary contacts	box terminal		
type of electrical connection	how terminal		
stranded  tune of electrical connection	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm switch 1x (0,75 2,5mm²)	-; front auxiliary	
finely stranded / with core end processing	lateral auxiliary switch 2x (0,75 1,5mm²), 1x 2,5mm²; front auxiliary switch 1x 2,5mm²		
• solid	lateral auxiliary switch 2x (0,75 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 2,5mm²)		
type of connectable conductor cross-sections / for auxiliary contacts			
stranded	1x (16185mm²)		
<ul><li>finely stranded / with core end processing</li></ul>	1x (16150mm²)		
• solid	1x (16185mm²)		
type of connectable conductor cross-sections / for copper conductor			
maximum	4/0		
section / solid  • minimum	1		
AWG number / as coded connectable conductor cross			
/ attachable / maximum Connections			
/ attachable / maximum number of connectable CO contacts / for auxiliary contacts	0		
/ attachable / maximum number of connectable NO contacts / for auxiliary contacts	3		
Number number of connectable NC contacts / for auxiliary contacts	3		
type of fuse / according to UL	RK5	_	
rated value			



Confirmation









Declaration of Conformity

Test Certificates other



**Special Test Certific-**<u>ate</u>

Type Test Certificates/Test Report

**Miscellaneous** 

**Environmental Confirmations** 

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=3LD2405-3VK11

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

https://support.industry.siemens.com/cs/ww/en/ps/3LD2405-3VK11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD2405-3VK11">http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD2405-3VK11</a>

**CAx-Online-Generator** 

http://www.siemens.com/cax

**Tender specifications** 

http://www.siemens.com/specifications

