SIEMENS

Product data sheet 3KD3642-0NE10-0



SWITCH-DISCONNECTOR 200A, FRAME SIZE 3, 4-POLE FRONT OPERATING LEFT COMPLETE ASSEMBLY WITH DIRECT HANDLE GREY FLAT TERMINAL INCL. PHASE BARRIERS

Similar to image

General technical details:				
product brand name		SENTRON		
Product designation		Switching device		
Design of the product		3KD Switch Disconnectors		
Size of switch disconnector		2		
Number of poles		4		
Continuous current				
• rated value	Α	200		
• at 40 °C / rated value	Α	200		
• at 45 °C / rated value	Α	200		
• at 50 °C / rated value	Α	200		
• at 55 °C / rated value	Α	200		
• at 60 °C / rated value	Α	200		
• at 65 °C / rated value	Α	200		
• at 70 °C / rated value	Α	200		
at DC / rated value	Α	160		
Operating current				
• at AC-21 A				
• at 400 V / maximum	Α	200		

* at 500 V / maximum * at 690 V / maximum * at 690 V / maximum * at 690 V / at 50/60 Hz / rated value / maximum * at 690 V / at 50/60 Hz / rated value / maximum * at 690 V / at 50/60 Hz / rated value / maximum * at 690 V / at 50/60 Hz / rated value / maximum * at 690 V / at 50/60 Hz / rated value / maximum * at 690 V / at 50/60 Hz / rated value / maximum * at 690 V / at 50/60 Hz / rated value / maximum * at 690 V / at 50/60 Hz / rated value / maximum * at 690 V / at 50/60 Hz / rated value / maximum * at 690 V / at 50/60 Hz / rated value / maximum * at 690 V / at 50/60 Hz / rated value * at 50/60 Hz / rated value * at 50/60 Hz / rated value * vih 3 current paths in series / with DC / rated value * vih 3 current paths in series / with DC / rated value * vih 3 current paths in series / with DC / rated value * vih 3 current paths in series / with DC / rated value * vih 3 current paths in series / with DC / rated value * vih 3 current paths in series / with DC / rated value * vih 3 current paths in series / with DC / rated value * vih 3 current paths in series / with DC / rated value * vih 3 current paths in series / with DC / rated value * vih 3 current paths in series / with DC / rated value * vih 3 current paths in series / with DC / rated value * vih 3 current paths in series / with DC / rated value * vih 3 current paths in series / with DC / rated value * vih 3 current paths in series / with Crated value * vih 3 current paths in series / with closed switch * vih combination switch + fuse * vih 4 vih 4 current / with closed switch * vih combination switch + suse / vih current / with closed switch * vih combination switch + suse / vih current / with closed switch * vih combination switch + suse / vih current / with line-side fuse protection * vih combination switch vih vih line-side fuse protection * vih combination switch vih vih line-side fuse protection * vih combination switch vih vih line-side fuse protection * vih combination switch vih vih line-side fuse protection *			
* at AC-22 A * at 400 V / at 50/60 Hz / rated value / maximum * at 690 V / at 50/60 Hz / rated value / maximum * at 690 V / at 50/60 Hz / rated value / maximum * at 600 V / at 50/60 Hz / rated value / maximum * at 600 V / at 50/60 Hz / rated value / maximum * at 600 V / at 50/60 Hz / rated value / maximum * at 600 V / at 50/60 Hz / rated value / maximum * at 600 V / at 50/60 Hz / rated value / maximum * at 600 V / at 50/60 Hz / rated value / maximum * at 600 V / at 50/60 Hz / rated value / maximum * at 600 V / at 50/60 Hz / rated value * vith 3 current paths in series / with DC / rated value * vith 3 current paths in series / with DC / rated value * vith 3 current paths in series / with DC / rated value * vith 3 current paths in series / with DC / rated value * vith 3 current paths in series / with DC / rated value * vith 3 current paths in series / with DC / rated value * vith 3 current paths in series / with DC / rated value * vith 3 current paths in series / with DC / rated value * vith 3 current paths in series / with DC / rated value * vith 3 current paths in series / with DC / rated value * vith 3 current paths in series / with DC / rated value * vith 3 current paths in series / with C3 at 3 current paths in series / with C3 at 3 current paths in series / with C3 at 3 current paths in series / with 10 current / with Incomplete / with 110 current / with Incomplete / with 110 current / with incomplete / with complete /	• at 500 V / maximum	Α	200
**at 400 V / at 50/60 Hz / rated value / maximum	• at 690 V / maximum	Α	200
** at 500 V / at 50/60 Hz / rated value / maximum	• at AC-22 A		
* at 690 V / at 50/60 Hz / rated value / maximum * at AC-23 A * at 400 V / at 50/60 Hz / rated value / maximum * at 500 V / at 50/60 Hz / rated value / maximum * at 500 V / at 50/60 Hz / rated value / maximum A 160 * at 690 V / at 50/60 Hz / rated value / maximum A 125 * Operational voltage * at 50/60 Hz / for AC / rated value * with 3 current paths in series / with DC / rated value * with 3 current paths in series / with DC / rated value * with 3 current paths in series / with DC / rated value * with 3 current paths in series / with DC / rated value * v 440 Insulation voltage / rated value * v 1,000 Impulse voltage resistance / rated value * v 2,000 * v 3,000 * v 4,000 * v	• at 400 V / at 50/60 Hz / rated value / maximum	Α	200
* at AC-23 A * at 400 V / at 50/60 Hz / rated value / maximum * at 550 V / at 50/60 Hz / rated value / maximum * at 690 V / at 50/60 Hz / rated value / maximum * at 690 V / at 50/60 Hz / rated value / maximum * at 690 V / at 50/60 Hz / rated value / maximum * at 690 V / at 50/60 Hz / rated value * at 50/60 Hz / for AC / rated value * at 50/60 Hz / for AC / rated value * at 50/60 Hz / for AC / rated value * v	• at 500 V / at 50/60 Hz / rated value / maximum	Α	200
* at 400 V / at 50/60 Hz / rated value / maximum * at 500 V / at 50/60 Hz / rated value / maximum * at 690 V / at 50/60 Hz / rated value / maximum * at 690 V / at 50/60 Hz / rated value / maximum * at 600 V / at 50/60 Hz / rated value * with 3 current paths in series / with DC / rated value * with 3 current paths in series / with DC / rated value * with 3 current paths in series / with DC / rated value * Impulse voltage resistance / rated value * V	• at 690 V / at 50/60 Hz / rated value / maximum	Α	200
* at 500 V / at 50/60 Hz / rated value / maximum * at 690 V / at 50/60 Hz / rated value / maximum * at 690 V / at 50/60 Hz / frated value / maximum * at 690 V / at 50/60 Hz / for AC / rated value * with 3 current paths in series / with DC / rated value * with 3 current paths in series / with DC / rated value * with 3 current paths in series / with DC / rated value * Insulation voltage / rated value * Impulse voltage resistance / rated value * Impulse voltage rated value * Impulse voltage resistance / rated value * Impulse voltage res	• at AC-23 A		
* at 690 V / at 50/60 Hz / rated value / maximum Operational voltage * at 50/60 Hz / for AC / rated value * with 3 current paths in series / with DC / rated value * with 3 current paths in series / with DC / rated value Insulation voltage / rated value V	• at 400 V / at 50/60 Hz / rated value / maximum	Α	160
Operational voltage • at 50/60 Hz / for AC / rated value • with 3 current paths in series / with DC / rated value • with 3 current paths in series / with DC / rated value Insulation voltage / rated value V 1,000 Impulse voltage resistance / rated value V 1,000 Impulse voltage resistance / rated value V 8 Overvoltage class UII Operating power / at AC-23 A • at 400 V / at 50/60 Hz / rated value • at 500 V / at 50/60 Hz / rated value • at 690 V 1,000 Intuition of the fuse • at 400 V / at 50/60 Hz / rated value • kW 110 Izt value / with closed switch • for combination switch + fuse • at 400 V / maximum • at 500 V / maximum • at 500 V / maximum • at 500 V / maximum permissible • at 400 V / maximum permissible • at 400 V / maximum permissible • at 600 V • with combination switch + aM fuse / maximum permissible A 18,000 • at 600 V • with combination switch + aM fuse / maximum permissible A 19,000 Short-time current resistance (lcw) / limited to 1 s / rated value Making capacity short-circuit current (lcm) / for switch • for combination short-circuit current (lcm) / for switch at 500 V / by gG fuse / rated value • at 600 V / by GG fuse / rated value • at 600 V / by GG fuse / rated value • at 600 V / by GG fuse / rated value • at 600 V / by GG fuse / rated value • at 600 V / by GG fuse / rated value • at 600 V / by GG fuse / rated value • at 600 V / by GG fuse / rated value • at 600 V / by GG fuse / rated value • at 600 V / by GG fuse / rated value • at 600 V / by GG fuse / rated value • at 600 V / by GG fuse / rated value	• at 500 V / at 50/60 Hz / rated value / maximum	Α	160
* at 50/60 Hz / for AC / rated value *with 3 current paths in series / with DC / rated value *V	• at 690 V / at 50/60 Hz / rated value / maximum	Α	125
with 3 current paths in series / with DC / rated value Insulation voltage / rated value Impulse voltage resistance / rated value Overvoltage class UIII Operating power / at AC-23 A *at 400 V / at 50/60 Hz / rated value *at 500 V / at 50/60 Hz / rated value *at 500 V / at 50/60 Hz / rated value *at 690 V / at 50/60 Hz / rated value *at 400 V / maximum *at 500 V / maximum *at 500 V / maximum *at 500 V / maximum *at 690 V *for combination switch + fuse *at 400 V / maximum *at 500 V / maximum *at 500 V / maximum *at 500 V / maximum permissible *at 400 V / maximum permissible *at 690 V *ind combination switch + fuse *at 400 V / maximum permissible *at 690 V / mith combination switch + aM fuse / maximum permissible *A 18,000 Short-time current resistance (lcw) / limited to 1 s / rated value Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum Conditional short-circuit current / with line-side fuse protection *at 500 V / by gG fuse / rated value *at 690 V / by gG fuse / rated value *at 690 V / by gG fuse / rated value *at 690 V / by gG fuse / rated value *at 690 V / by gG fuse / rated value *at 690 V / by gG fuse / rated value	Operational voltage		
Insulation voltage / rated value Impulse voltage resistance / rated value Overvoltage class Operating power / at AC-23 A • at 400 V / at 50/60 Hz / rated value • at 500 V / at 50/60 Hz / rated value • at 690 V / at 50/60 Hz / rated value • at 400 V / maximum • at 500 V / maximum • at 500 V / maximum • at 500 V / maximum • at 690 V • for combination switch + fuse • at 400 V / maximum • at 500 V / maximum • at 500 V / maximum • at 690 V • for combination switch + ruse • at 400 V / maximum permissible • at 690 V • with combination switch + fuse • at 400 V / maximum permissible • at 690 V / waximum permissible • at 690 V / with combination switch + aM fuse / maximum permissible A 18,000 Short-time current resistance (lcw) / limited to 1 s / rated value Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum Conditional short-circuit current / with line-side fuse protection • at 500 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value • At 500 V / by gG fuse / rated value • At 500 V / by gG fuse / rated value • At 500 V / by gG fuse / rated value • At 500 V / by gG fuse / rated value • At 500 V / by gG fuse / rated value • At 500 V / by gG fuse / rated value	• at 50/60 Hz / for AC / rated value	V	690
Impulse voltage resistance / rated value Overvoltage class Operating power / at AC-23 A • at 400 V / at 50/60 Hz / rated value • at 500 V / at 50/60 Hz / rated value • at 690 V / at 50/60 Hz / rated value • at 690 V / at 50/60 Hz / rated value • at 690 V / at 50/60 Hz / rated value Izt value / with closed switch • for combination switch + fuse • at 400 V / maximum • at 500 V / maximum • at 500 V / maximum • at 690 V • for combination switch + sqG fuse / maximum Let-through current / with closed switch • for combination switch + fuse • at 400 V / maximum permissible • at 690 V / with combination switch + aM fuse / maximum permissible A 18,000 • at 690 V • with combination switch + sM fuse / maximum permissible A 19,000 Short-time current resistance (lcw) / limited to 1 s / rated value Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum Conditional short-circuit current / with line-side fuse protection • at 500 V / by gG fuse / rated value • At 600 V / by gG fuse / rated value • At 600 V / by gG fuse / rated value • At 600 V / by gG fuse / rated value • At 600 V / by gG fuse / rated value • At 600 V / by gG fuse / rated value	• with 3 current paths in series / with DC / rated value	V	440
Overvoltage class Operating power / at AC-23 A * at 400 V / at 50/60 Hz / rated value * at 500 V / at 50/60 Hz / rated value * at 690 V / at 50/60 Hz / rated value * at 400 V / at 50/60 Hz / rated value * at 690 V / at 50/60 Hz / rated value * at 400 V / maximum * at 400 V / maximum * at 500 V / maximum * at 500 V / maximum * at 690 V * for combination switch + gG fuse / maximum * at 690 V * for combination switch + fuse * at 400 V / maximum permissible * at 400 V / maximum permissible * at 690 V * at 500 V / maximum permissible * at 690 V * with combination switch + aM fuse / maximum permissible * at 690 V * with combination switch + aM fuse / maximum permissible A 18,000 Short-time current resistance (lcw) / limited to 1 s / rated value Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum Conditional short-circuit current / with line-side fuse protection * at 500 V / by gG fuse / rated value * At 690 V / by gG fuse / rated valu	Insulation voltage / rated value	V	1,000
Operating power / at AC-23 A at 4400 V / at 50/60 Hz / rated value at 500 V / at 50/60 Hz / rated value to 4500 V / at 50/60 Hz / rated value to 690 V / at 50/60 Hz / rated value to roombination switch + fuse at 400 V / maximum at 500 V / maximum at 500 V / maximum at 500 V / maximum A2-s 210,500 to combination switch + gG fuse / maximum A2-s 226,000 Let-through current / with closed switch for combination switch + fuse at 400 V / maximum permissible for combination switch + fuse at 400 V / maximum permissible at 500 V / maximum permissible at 690 V with combination switch +aM fuse / maximum permissible A 18,000 Short-time current resistance (lcw) / limited to 1 s / rated value Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum Conditional short-circuit current / with line-side fuse protection at 500 V / by gG fuse / rated value Active power loss / with conventional rated thermal current / per W 10	Impulse voltage resistance / rated value	kV	8
* at 400 V / at 50/60 Hz / rated value * at 500 V / at 50/60 Hz / rated value * at 690 V / at 50/60 Hz / rated value * at 690 V / at 50/60 Hz / rated value * to roombination switch + fuse * at 400 V / maximum * at 500 V / maximum * at 500 V / maximum * at 690 V * for combination switch + gG fuse / maximum * at 690 V * for combination switch + fuse * at 400 V / maximum permissible * at 690 V * with combination switch + sM fuse / maximum permissible * at 690 V * with combination switch +aM fuse / maximum permissible Short-time current resistance (lcw) / limited to 1 s / rated value Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum Conditional short-circuit current / with line-side fuse protection * at 500 V / by gG fuse / rated value * At 500 V / by gG fuse / rated value * At 500 V / by gG fuse / rated value * At 500 V / by gG fuse / rated value * At 500 V / by gG fuse / rated value * At 500 V / by gG fuse / rated value * At 500 V / by gG fuse / rated value * At 500 V / by gG fuse / rated value * At 500 V / by gG fuse / rated value * At 500 V / by gG fuse / rated value * At 500 V / by gG fuse / rated value * At 500 V / by gG fuse / rated value * At 500 V / by gG fuse / rated value * At 500 V / by gG fuse / rated value * At 500 V / by gG fuse / rated value * At 500 V / by gG fuse / rated value * At 500 V / by gG fuse / rated value * At 500 V / by gG fuse / rated value * At 500 V / by gG fuse / rated value * At 500 V / by gG fuse / rated value	Overvoltage class		III
* at 500 V / at 50/60 Hz / rated value * at 690 V / at 50/60 Hz / rated value * to for combination switch + fuse * at 400 V / maximum * at 500 V / maximum * at 500 V / maximum * at 690 V * for combination switch + gG fuse / maximum * for combination switch + gG fuse / maximum * at 690 V * for combination switch + fuse * at 400 V / maximum permissible * at 400 V / maximum permissible * at 500 V / maximum permissible * at 500 V / maximum permissible * at 690 V * with combination switch + aM fuse / maximum permissible * A 18,000 * at 690 V * with combination switch + aM fuse / maximum permissible A 19,000 Short-time current resistance (lcw) / limited to 1 s / rated value Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum Conditional short-circuit current / with line-side fuse protection * at 500 V / by gG fuse / rated value * at 690 V / by gG fuse / rated value * A 50 Active power loss / with conventional rated thermal current / per W 10	Operating power / at AC-23 A		
*at 690 V / at 50/60 Hz / rated value Izt value / with closed switch	• at 400 V / at 50/60 Hz / rated value	kW	90
12t value / with closed switch	• at 500 V / at 50/60 Hz / rated value	kW	110
• for combination switch + fuse • at 400 V / maximum • at 500 V / maximum • at 690 V • for combination switch + gG fuse / maximum A²-s 210,500 Let-through current / with closed switch • for combination switch + fuse • at 400 V / maximum permissible • at 500 V / maximum permissible • at 690 V • with combination switch + aM fuse / maximum permissible A 18,000 Short-time current resistance (lcw) / limited to 1 s / rated value Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum Conditional short-circuit current / with line-side fuse protection • at 500 V / by gG fuse / rated value *A 50 Active power loss / with conventional rated thermal current / per W 10	• at 690 V / at 50/60 Hz / rated value	kW	110
at 400 V / maximum at 500 V / maximum at 690 V for combination switch +gG fuse / maximum A²-s 210,500 A²-s 210,500 A²-s 210,500 A²-s 226,000 Let-through current / with closed switch for combination switch + fuse at 400 V / maximum permissible at 500 V / maximum permissible at 690 V with combination switch +aM fuse / maximum permissible A 19,000 Short-time current resistance (lcw) / limited to 1 s / rated value Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum Conditional short-circuit current / with line-side fuse protection at 500 V / by gG fuse / rated value at 690 V / by gG fuse / rated value Active power loss / with conventional rated thermal current / per W 10	I2t value / with closed switch		
• at 500 V / maximum • at 690 V • for combination switch +gG fuse / maximum Let-through current / with closed switch • for combination switch + fuse • at 400 V / maximum permissible • at 500 V / maximum permissible • at 690 V • with combination switch +aM fuse / maximum permissible A 18,000 • at 690 V • with combination switch +aM fuse / maximum permissible A 19,000 Short-time current resistance (lcw) / limited to 1 s / rated value Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum Conditional short-circuit current / with line-side fuse protection • at 500 V / by gG fuse / rated value Active power loss / with conventional rated thermal current / per W 10	• for combination switch + fuse		
• at 690 V • for combination switch +gG fuse / maximum Let-through current / with closed switch • for combination switch + fuse • at 400 V / maximum permissible • at 500 V / maximum permissible • at 690 V • with combination switch +aM fuse / maximum permissible A 18,000 * at 690 V * with combination switch +aM fuse / maximum permissible A 19,000 Short-time current resistance (lcw) / limited to 1 s / rated value Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum Conditional short-circuit current / with line-side fuse protection * at 500 V / by gG fuse / rated value * at 690 V / by gG fuse / rated value Active power loss / with conventional rated thermal current / per W 10	• at 400 V / maximum	A²-s	210,500
• for combination switch +gG fuse / maximum Let-through current / with closed switch • for combination switch + fuse • at 400 V / maximum permissible • at 500 V / maximum permissible • at 690 V • with combination switch +aM fuse / maximum permissible A 19,000 Short-time current resistance (lcw) / limited to 1 s / rated value Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum Conditional short-circuit current / with line-side fuse protection • at 500 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value Active power loss / with conventional rated thermal current / per W 10	• at 500 V / maximum	A²-s	210,500
Let-through current / with closed switch • for combination switch + fuse • at 400 V / maximum permissible • at 500 V / maximum permissible • with combination switch +aM fuse / maximum permissible A 18,000 • at 690 V • with combination switch +aM fuse / maximum permissible A 19,000 Short-time current resistance (Icw) / limited to 1 s / rated value Making capacity short-circuit current (Icm) / for switch disconnector / without fuse link / rated value / minimum Conditional short-circuit current / with line-side fuse protection • at 500 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value Active power loss / with conventional rated thermal current / per W 10	• at 690 V		
• for combination switch + fuse • at 400 V / maximum permissible • at 500 V / maximum permissible • at 690 V • with combination switch +aM fuse / maximum permissible A 19,000 Short-time current resistance (Icw) / limited to 1 s / rated value Making capacity short-circuit current (Icm) / for switch disconnector / without fuse link / rated value / minimum Conditional short-circuit current / with line-side fuse protection • at 500 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value Active power loss / with conventional rated thermal current / per A 18,000 A 18,000 A 19,000 KA 4 Making capacity short-circuit current (Icm) / for switch kA 12 Making capacity short-circuit current / liminum Conditional short-circuit current / with line-side fuse protection • at 500 V / by gG fuse / rated value KA 50 • at 690 V / by gG fuse / rated value KA 50	• for combination switch +gG fuse / maximum	A²-s	226,000
at 400 V / maximum permissible at 500 V / maximum permissible at 690 V with combination switch +aM fuse / maximum permissible A 19,000 Short-time current resistance (lcw) / limited to 1 s / rated value Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum Conditional short-circuit current / with line-side fuse protection at 500 V / by gG fuse / rated value A 18,000 A 18,000 A 19,000 KA 4 12 Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum Conditional short-circuit current / with line-side fuse protection at 500 V / by gG fuse / rated value A 18,000 KA 50 A 18,000 A 18,000	Let-through current / with closed switch		
 at 500 V / maximum permissible at 690 V with combination switch +aM fuse / maximum permissible A 19,000 Short-time current resistance (lcw) / limited to 1 s / rated value kA 4 Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum Conditional short-circuit current / with line-side fuse protection at 500 V / by gG fuse / rated value kA 50 at 690 V / by gG fuse / rated value kA 50 Active power loss / with conventional rated thermal current / per W 10 	• for combination switch + fuse		
• at 690 V • with combination switch +aM fuse / maximum permissible A 19,000 Short-time current resistance (lcw) / limited to 1 s / rated value Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum Conditional short-circuit current / with line-side fuse protection • at 500 V / by gG fuse / rated value Active power loss / with conventional rated thermal current / per W 10	• at 400 V / maximum permissible	Α	18,000
with combination switch +aM fuse / maximum permissible A 19,000 Short-time current resistance (lcw) / limited to 1 s / rated value Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum Conditional short-circuit current / with line-side fuse protection • at 500 V / by gG fuse / rated value A 19,000 KA 12 **A 50 Active power loss / with conventional rated thermal current / per W 10	• at 500 V / maximum permissible	Α	18,000
Short-time current resistance (lcw) / limited to 1 s / rated value	• at 690 V		
Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum Conditional short-circuit current / with line-side fuse protection • at 500 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value kA 50 Active power loss / with conventional rated thermal current / per W 10	• with combination switch +aM fuse / maximum permissible	Α	19,000
disconnector / without fuse link / rated value / minimum Conditional short-circuit current / with line-side fuse protection • at 500 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value kA 50 Active power loss / with conventional rated thermal current / per W 10	Short-time current resistance (lcw) / limited to 1 s / rated value	kA	4
 at 500 V / by gG fuse / rated value at 690 V / by gG fuse / rated value kA 50 Active power loss / with conventional rated thermal current / per W 10 		kA	12
• at 690 V / by gG fuse / rated value kA 50 Active power loss / with conventional rated thermal current / per W 10	Conditional short-circuit current / with line-side fuse protection		
Active power loss / with conventional rated thermal current / per W 10	• at 500 V / by gG fuse / rated value	kA	50
	• at 690 V / by gG fuse / rated value	kA	50
роге	Active power loss / with conventional rated thermal current / per pole	W	10

Product equipment / interlock		Yes
Type of the driving mechanism / motor drive		No
Product extension / optional / motor drive		No
Design of the electrical connection / for main current circuit		flat connector
Type of connectable conductor cross-sections		
• for copper conductor / stranded / with lug		
• according to DIN 46234		1x 95 mm²
• for copper busbar		1x (20x3 mm²)
Number of connected NC contacts / for auxiliary contacts		0
Number of connected NO contacts / for auxiliary contacts		0
Number of connected changeover contacts / for auxiliary contacts		0
Product extension / auxiliary switch		Yes
Number of NC contacts / for auxiliary contacts		0
Number of NO contacts / for auxiliary contacts		0
Number of changeover contacts / for auxiliary contacts		4
Acceptability for application / switch disconnector		Yes
Acceptability for application		
emergency stop switch		No
main switch		Yes
safety cut-out switch		Yes
maintenance/repair switch		Yes
Design of the operating mechanism		manual operating mechanism
Mounting type		Floor mounting and snap-on mounting to 35 mm standard mounting rail
Mounting type / rail mounting		Yes
Mounting type / front mounting with 4-hole attachment		No
Mounting type / front mounting with central attachment		No
Type from device		fixed mounting
mounting position		any
Position / of switch operating mechanism		at the left end
Design of handle		direct handle, grey
Width	mm	148
Height	mm	168
Depth	mm	97
Protection class IP		IP00
• on the front		IP00
with closed switch / with cover or cable lug cover		IP20
Ambient temperature		
during operating	°C	-25 +70

during storage	°C	-50 +80
Degree of pollution		3
Mechanical operating cycles as operating time / typical		15,000
Electrical endurance (switching cycles)		
• at AC-23 A / at 690 V / at 50/60 Hz		1,500
• at DC-23 A		
• at 220 V		1,000
• at 440 V		1,000
Design of display		
 for switch position indicator manual operation 		ON-OFF-TEST
Net weight	g	1,050
Reference code / according to DIN EN 61346-2		Q
Item designation / according to DIN EN 81346-2		Q

Certificates/approvals:

General Product Approval **Declaration of Conformity**





Further information:

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

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

Industry Mall (Online ordering system)

 $\underline{\text{https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3KD3642-0NE10-0}}$

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

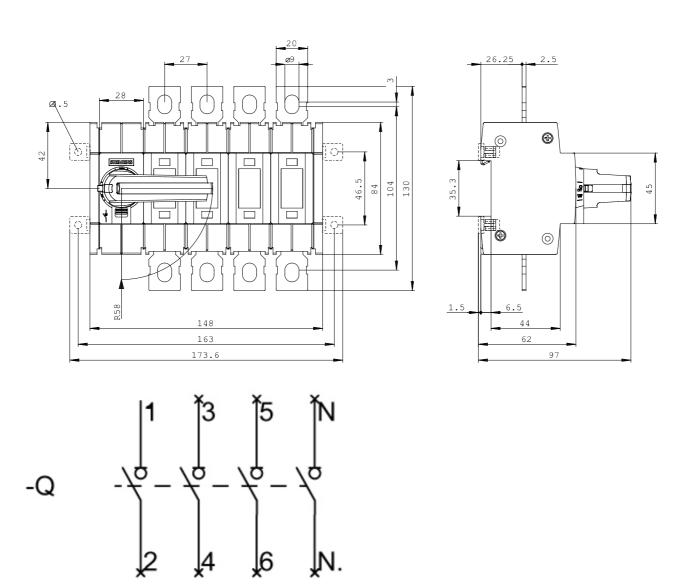
http://support.automation.siemens.com/WW/view/en/3KD3642-0NE10-0/all

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KD3642-0NE10-0

CAx-Online-Generator

http://www.siemens.com/cax



last change: Apr 21, 2014