SIEMENS

Product data sheet 3KD3640-0NE10-0

SWITCH-DISCONNECTOR 200A, FRAME SIZE 3, 4-POLE FRONT OPERATING LEFT BASIC UNIT WITHOUT HANDLE FLAT TERMINAL INCL. PHASE BARRIERS



Similar to image

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	А	200
• at 40 °C / rated value	A	200
• at 45 °C / rated value	A	200
• at 50 °C / rated value	А	200
• at 55 °C / rated value	A	200
• at 60 °C / rated value	A	200
• at 65 °C / rated value	A	200
• at 70 °C / rated value	А	200
• at DC / rated value	А	160
Operating current		
• at AC-21 A		
• at 400 V / maximum	A	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 /	• 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 440 * v 440 Insulation voltage / rated value * v 1,000 Impulse voltage resistance / rated value * v 400 * v 40 x 50/60 Hz / rated value * v 400 * v 40 x 50/60 Hz / rated value * v 400 * v 110 * v 110	• 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 A 125 Operational voltage * at 50/60 Hz / for AC / rated value / maximum * at 50/60 Hz / for AC / rated value * at 50/60 Hz / for AC / rated value * at 50/60 Hz / for AC / rated value * at 50/60 Hz / rot AC / rated value * v 440 Insulation voltage / rated value * v 1,000 Impulse voltage resistance / rated value * v 1,000 Impulse voltage resistance / rated value * v 440 Overvoltage class * III Operating power / at AC-23 A * at 400 V / at 50/60 Hz / rated value * at 50/60 Hz / rated value * at 50/60 Hz / rated value * v 10 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 + gG fuse / maximum Let-through current / with closed switch • for combination switch + fuse • at 400 V / maximum permissible • at 690 V • with combination switch + 4M fuse / maximum permissible • at 690 V • with combination switch + 4M fuse / maximum permissible A 18,000 Short-time current resistance (cw/) / 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 Active power loss / with conventional rated thermal current / per	• 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		No
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		without
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		without
Width	mm	148
Height	mm	168
Depth	mm	68
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 door-coupling rotary operating mechanism 		ON-OFF
Net weight	g	1,000
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)

 $\underline{\text{https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3KD3640-0NE10-0}}$

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

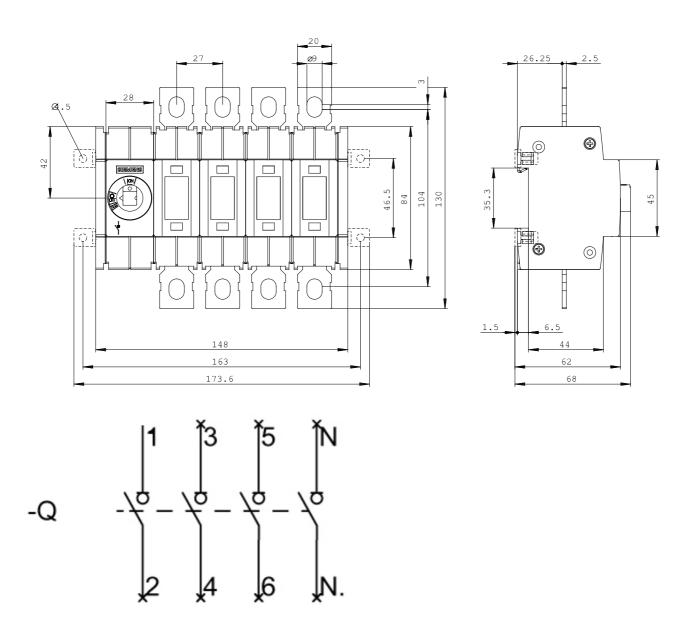
http://support.automation.siemens.com/WW/view/en/3KD3640-0NE10-0/all

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KD3640-0NE10-0

CAx-Online-Generator

http://www.siemens.com/cax



last change: Apr 21, 2014