SIEMENS

Product data sheet 3KD1640-2ME10-0



SWITCH-DISCONNECTOR 16A, FRAME SIZE 1, 4-POLE FRONT OPERATING LEFT BASIC UNIT WITHOUT HANDLE BOX TERMINAL

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		1		
Number of poles		4		
Continuous current				
• rated value	Α	16		
• at 40 °C / rated value	А	16		
• at 45 °C / rated value	Α	16		
• at 50 °C / rated value	Α	16		
• at 55 °C / rated value	Α	16		
• at 60 °C / rated value	Α	16		
• at 65 °C / rated value	Α	16		
• at 70 °C / rated value	Α	16		
• at DC / rated value	А	16		
Operating current				
• at AC-21 A				
• at 400 V / maximum	А	16		

* at 500 V / maximum * at 600 V / maximum * at 600 V / 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 / maximum * at 600 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 * 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 * 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 / with closed switch * of combination switch + fuse * at 400 V / maximum * at 6500 V / maximum * at 6500 V / maximum * at 6500 V / maximum permissible * at 600 V / maximum p			
* at AC-22 A * 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 / maximum * at 600 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 * at 680 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 500 V / at 50/60 Hz / rated value * very substance / rated value / maximum permissible * very substance / rated value / maximum permissible * very substance / rated value / minimum * very substance / rated value /	• at 500 V / maximum	Α	16
- at 400 V / at 50/60 Hz / rated value / maximum	• at 690 V / maximum	Α	16
** at 500 V / at 50/60 Hz / rated value / maximum A 16 ** at AC-23 A ** at 400 V / at 50/60 Hz / rated value / maximum A 16 ** at 500 V / at 50/60 Hz / rated value / maximum A 16 ** at 500 V / at 50/60 Hz / rated value / maximum A 16 ** at 500 V / at 50/60 Hz / rated value / maximum A 16 Operational voltage ** at 50/60 Hz / for AC / rated value / maximum A 16 Operational voltage ** at 50/60 Hz / for AC / rated value / maximum A 16 Operational voltage ** at 50/60 Hz / for AC / rated value / maximum A 16 Operational voltage ** at 50/60 Hz / for AC / rated value V 440 Insulation voltage resistance / rated value V 440 Insulation voltage resistance / rated value V 1,000 Impulse voltage resistance / rated value V 8 Overvoltage class Operating power / at AC-23 A ** at 400 V / at 50/60 Hz / rated value KW 7.5 ** at 400 V / at 50/60 Hz / rated value KW 7.5 ** at 690 V / at 50/60 Hz / rated value KW 7.5 ** at 690 V / at 50/60 Hz / rated value KW 7.5 ** at 690 V / maximum A**s 13,300 ** at 690 V / maximum A**s 13,300 ** at 690 V / maximum A**s 13,700 Let-through current / with closed switch ** for combination switch + gG fuse / maximum A**s 13,700 Let-through current / with closed switch ** for combination switch + fuse A** 400 V / maximum permissible A 7,000 ** at 690 V / maximum permissible A 7,000 ** at 690 V / maximum permissible A 7,500 Short-time current resistance (icw) / limited to 1 s / rated value KA 7 Conditional short-circuit current (icm) / for switch disconnector / without fuse limit / rated value / minimum Conditional short-circuit current / with line-side fuse protection ** at 690 V / by gG fuse / rated value KA 100 ** at 690 V / by gG fuse / rated value KA 100	• at AC-22 A		
* at 690 V / at 50/60 Hz / rated value / maximum A 16 * at AC-23 A * at 400 V / at 50/60 Hz / rated value / maximum A 16 * at 500 V / at 50/60 Hz / rated value / maximum A 16 * at 690 V / at 50/60 Hz / rated value / maximum A 16 Operational voltage * at 50/60 Hz / for AC / rated value / maximum A 16 Operational voltage / rated value / with DC / rated value V 690 * at 50/60 Hz / for AC / rated value V 440 Insulation voltage / rated value V 440 Insulation voltage / rated value V 440 Insulation voltage resistance / rated value V 440 Insulation voltage resistance / rated value V 440 Insulation voltage rated value V 58 Operating power / at AC-23 A 110 Operating power / at AC-23 A 110 **Exercise V 50/60 Hz / rated value V 7.5 **Ill Voltage resistance / rated value V 7.5 **Ill Voltage rated value V 7.5	• at 400 V / at 50/60 Hz / rated value / maximum	Α	16
• 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 690 V / at 50/60 Hz / rated value / maximum A 16 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 Insulation voltage / rated value Impulse voltage resistance / rated value V 1,000 Impulse voltage resistance / rated value V 1,000 Impulse voltage resistance / rated value W 8 Overvoltage class III 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 500 V / at 50/60 Hz / rated value ***of combination switch + fuse • at 400 V / maximum • at 500 V / maximum • at 500 V / maximum • at 500 V / maximum • at 690 V • for combination switch + gG fuse / maximum A2-s • at 400 V / maximum permissible • at 690 V • with combination switch + aM fuse / maximum permissible A 7,000 • with combination switch + aM fuse / maximum permissible A 7,000 • with combination switch + all fuse / maximum permissible A 7,000 • with combination switch + all fuse / maximum permissible A 7,000 • with combination switch + all fuse / maximum permissible A 7,000 • with combination switch + all fuse / maximum permissible A 7,000 • with combination switch + all fuse / maximum permissible A 7,000 • with combination switch + all fuse / maximum permissible A 7,000 • with combination switch + all fuse / maximum permissible A 7,000 • with combination switch + all fuse / maximum permissible A 7,000 • with combination switch + all fuse / rated value / minimum Conditional short-circuit current / with line-side fuse protection • at 690 V / by gG fuse / rated value / minimum	• at 500 V / at 50/60 Hz / rated value / maximum	Α	16
* at 400 V / at 50/60 Hz / rated value / maximum	• at 690 V / at 50/60 Hz / rated value / maximum	Α	16
* at 500 V / at 50/60 Hz / rated value / maximum	• 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 V 440 Insulation voltage / rated value V 1,000 Impulse voltage resistance / rated value V 1,000 Impulse voltage resistance / rated value V 1,000 Impulse voltage resistance / rated value RV 8 Overvoltage class III 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 • 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 A2-s 13,300 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 + MM fuse / maximum permissible A 7,000 Short-time current resistance (lcw) / limited to 1 s / rated value Making capacity short-circuit current (lcm) / for switch kA Making capacity short-circuit current (lcm) / for switch kA A 7 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	• at 400 V / at 50/60 Hz / rated value / maximum	Α	16
Operational voltage	• at 500 V / at 50/60 Hz / rated value / maximum	Α	16
* 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 * v	• at 690 V / at 50/60 Hz / rated value / maximum	Α	16
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 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 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 permissible *at 690 V *with combination switch + fuse *at 400 V / maximum permissible *at 690 V *with combination switch +aM fuse / maximum permissible A 7,000 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 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 *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 *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 *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 V 1,000 Vervoltage class III 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 * 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 400 V / maximum permissible * at 690 V * with combination switch + aM fuse / maximum permissible * at 690 V * with combination switch +aM fuse / maximum permissible A 7,000 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 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 • tww 7.5 • at 690 V / at 50/60 Hz / rated value • kW 7.5 • at 690 V / at 50/60 Hz / rated value • 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 + fuse • at 400 V / maximum permissible • at 690 V • with combination switch + aM fuse / maximum permissible A 7,000 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 • 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 • 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	• 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	Insulation voltage / rated value	V	1,000
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 400 V / maximum • at 500 V / maximum • at 500 V / maximum • at 500 V / maximum • at 690 V • for combination switch + gG fuse / maximum A2-s • 13,300 • at 690 V • for combination switch + gG fuse / maximum A2-s • 13,700 Let-through current / with closed switch • for combination switch + fuse • 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 7,000 • at 690 V • with combination switch + aM fuse / maximum permissible A 7,500 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 100 • at 690 V / by gG fuse / rated value **A 100	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 * It 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 * A²-s * 13,300 * at 690 V * for combination switch + tuse * 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 * at 690 V * with combination switch + aM fuse / maximum permissible A 7,500 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 100	Overvoltage class		III
at 500 V / at 50/60 Hz / rated value at 690 V / at 50/60 Hz / rated value by 11 It value / with closed switch for combination switch + fuse at 400 V / maximum at 500 V / maximum at 690 V for combination switch + gG fuse / maximum A²-s 13,300 at 690 V for combination switch + gG fuse / maximum A²-s 13,700 Let-through current / with closed switch for combination switch + fuse at 400 V / maximum permissible at 400 V / maximum permissible at 500 V / maximum permissible at 690 V with combination switch + aM fuse / maximum permissible A 7,500 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 kA 100 kA 100	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	7.5
12t value / with closed switch	• at 500 V / at 50/60 Hz / rated value	kW	7.5
• for combination switch + fuse • at 400 V / maximum • at 500 V / maximum • at 690 V • for combination switch + gG fuse / maximum A²-s 13,300 • at 690 V • for combination switch + fuse • 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 7,000 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 • 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 • at 690 V / by gG fuse / rated value • at 690 V / by gG fuse / rated value	• at 690 V / at 50/60 Hz / rated value	kW	11
at 400 V / maximum at 500 V / maximum at 690 V for combination switch +gG fuse / maximum A²-s 13,300 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 7,000 at 690 V with combination switch +aM fuse / maximum permissible A 7,500 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 A 7,000 kA 3 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 kA 100	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 7,000 • at 690 V • with combination switch +aM fuse / maximum permissible A 7,500 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	• 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 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 100 **A 100 **A 100	• at 400 V / maximum	A²-s	13,300
• 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 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 • 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 500 V / maximum	A²-s	13,300
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 7,500 Short-time current resistance (lcw) / limited to 1 s / rated value KA 3 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		
• 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 7,500 Short-time current resistance (lcw) / limited to 1 s / rated value KA 3 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 100	 for combination switch +gG fuse / maximum 	A²-s	13,700
 at 400 V / maximum permissible at 500 V / maximum permissible at 690 V with combination switch +aM fuse / maximum permissible A 7,500 Short-time current resistance (lcw) / limited to 1 s / rated value kA 3 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 100 at 690 V / by gG fuse / rated value 	Let-through current / with closed switch		
at 500 V / maximum permissible at 690 V with combination switch +aM fuse / maximum permissible A 7,500 Short-time current resistance (lcw) / limited to 1 s / rated value kA 3 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 100 at 690 V / by gG fuse / rated value kA 100	• for combination switch + fuse		
• at 690 V • with combination switch +aM fuse / maximum permissible A 7,500 Short-time current resistance (lcw) / limited to 1 s / rated value kA 3 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 100 • at 690 V / by gG fuse / rated value kA 100	• at 400 V / maximum permissible	Α	7,000
with combination switch +aM fuse / maximum permissible A 7,500 Short-time current resistance (lcw) / limited to 1 s / rated value	• at 500 V / maximum permissible	Α	7,000
Short-time current resistance (lcw) / limited to 1 s / rated value	• at 690 V		
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 kA 100	• with combination switch +aM fuse / maximum permissible	Α	7,500
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 100	Short-time current resistance (lcw) / limited to 1 s / rated value	kA	3
 at 500 V / by gG fuse / rated value at 690 V / by gG fuse / rated value kA 100 kA 100 		kA	7
• at 690 V / by gG fuse / rated value kA 100	Conditional short-circuit current / with line-side fuse protection		
	• at 500 V / by gG fuse / rated value	kA	100
Active power loss / with conventional rated thermal current / per W 0.2	• at 690 V / by gG fuse / rated value	kA	100
pole		W	0.2

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		Box terminal
Type of connectable conductor cross-sections		
for copper conductor		
• solid		1x (1 16mm²)
• stranded		1x (6 35mm²)
finely stranded / with end sleeve		1x (1 35mm²)
with flexible busbar		2x (0.8x9 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	112
Height	mm	119
Depth	mm	68
Protection class IP		IP20
• on the front		IDOO
• On the none		IP20

°C	-25 +70
°C	-50 +80
	3
	15,000
	6,000
	1,500
	1,500
	ON-OFF
g	770
	Q
	Q
	°C

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)

https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3KD1640-2ME10-0

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

http://support.automation.siemens.com/WW/view/en/3KD1640-2ME10-0/all

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

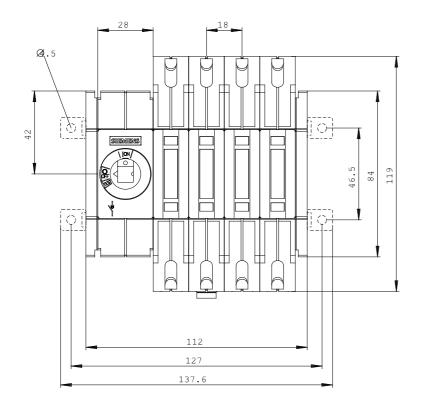
 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KD1640-2ME10-0}$

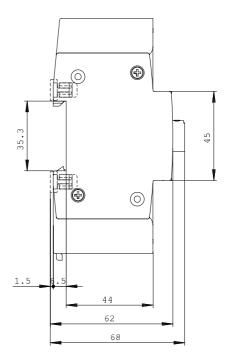
CAx-Online-Generator

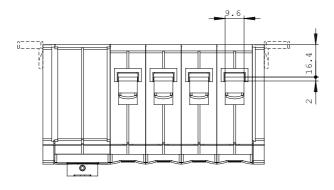
http://www.siemens.com/cax

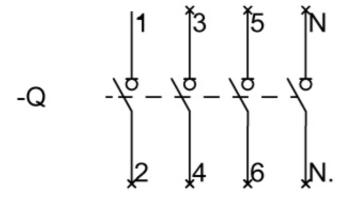
Tender specifications

 $\underline{\mathsf{Datanorm}}\ \underline{\mathsf{GAEB81}}\ \underline{\mathsf{GAEB83}}\ \underline{\mathsf{RTF}}\ \underline{\mathsf{TXT}}$









last change: Apr 21, 2014