SIEMENS

Product data sheet 3KD4040-0PE10-0

SWITCH-DISCONNECTOR 315A, FRAME SIZE 3, 4-POLE FRONT OPERATING LEFT BASIC UNIT WITHOUT HANDLE FLAT 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		3		
Number of poles		4		
Continuous current				
• rated value	Α	315		
• at 40 °C / rated value	Α	315		
• at 45 °C / rated value	Α	315		
• at 50 °C / rated value	Α	315		
• at 55 °C / rated value	Α	315		
• at 60 °C / rated value	Α	315		
• at 65 °C / rated value	Α	315		
• at 70 °C / rated value	Α	315		
at DC / rated value	Α	315		
Operating current				
• at AC-21 A				
• at 400 V / maximum	Α	315		

* 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 / maximum * 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 * 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 * at 600 V / at 50/60 Hz / rated value * at 600 V / at 50/60 Hz / rated value * at 600 V / at 50/60 Hz / rated value * at 600 V / maximum * at 600 V / maximum * at 600 V / maximum permissible * with combination switch + gG fuse / maximum permissible * with combination switch + gG fuse / maximum permissible * with combination switch + gG fuse / maximum permissible * with combination switch + gG fuse / maximum permissible * with combination switch + gG fuse / rated value * with 5 combination switch + gG fuse / rated value * with 5 combination switch + gG fuse / rated value * with 6 combination switch + gG fuse / rated value / minimum * A			
• at AC-22 A • at 400 V / at 50/80 Hz / rated value / maximum • at 690 V / at 50/80 Hz / rated value / maximum • at 690 V / at 50/80 Hz / rated value / maximum • at 690 V / at 50/80 Hz / rated value / maximum • at 690 V / at 50/80 Hz / rated value / maximum • at 690 V / at 50/80 Hz / rated value / maximum • at 690 V / at 50/80 Hz / rated value / maximum • at 690 V / at 50/80 Hz / rated value / maximum • at 690 V / at 50/80 Hz / rated value / maximum • at 690 V / at 50/80 Hz / rated value / maximum • at 50/80 Hz / for AC / rated value • at 50/80 Hz / for AC / rated value • with 3 current paths in series / with DC / rated value v	• at 500 V / maximum	Α	315
* 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 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 2 current paths in series / with DC / rated value * vith 2 current paths in series / with DC / rated value * vith 2 current paths in series / with DC / rated value * vith 2 current paths in series / with DC / rated value * vith 2 current paths in series / with DC / rated value * vith 2 current paths in series / vith DC / rated value * vith 2 current vith closed switch * vith combination switch + fuse * at 400 V / maximum permissible * at 600 V / maximum permissible * vith combination switch + diff use / maximum permissible * vith combination switch + diff use / maximum permissible * vith combination switch + diff use / maximum permissible * vith combination switch + diff use / maximum permissible * vith combination switch + diff use / maximum perm	• at 690 V / maximum	Α	315
* 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 690 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 50/60 Hz / for AC / rated value / maximum * at 50/60 Hz / for AC / rated value / maximum * at 50/60 Hz / for AC / 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 4 Cover of the value * vith value / vith closed switch * vith combination switch + fuse * vith 4 cover of the value / maximum * vith 5 Cover of the value / maximum * vith 5 Cover of the value / maximum * vith 5 Cover of the value / maximum * vith combination switch + gG fuse / maximum * vith combination switch + fuse * vith combination switch + fuse * vith combination switch + fuse * vith combination switch + gG fuse / maximum permissible * vith combination switch + gG fuse / maximum permissible * vith combination switch + gG fuse / maximum permissible * vith combination switch + with fuse / maximum permissible * vith combination switch + gG fuse / maximum permissible * vith combination switch + with fuse / maximum permissible * vith combination switch + gG fuse / maximum permissible * vith combination switch + gG fuse / maximum permissible * vith combination switch + gG fuse / ma	• 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 A 315 * at 500 V / at 50/60 Hz / rated value / maximum A 315 * at 50/60 Hz / rated value / maximum A 315 Operational voltage * at 50/60 Hz / rated value / maximum A 315 Operational voltage * at 50/60 Hz / rated value / maximum A 315 Operational voltage * at 50/60 Hz / rated value A 400 * with 3 current paths in series / with DC / rated value V 440 Insulation voltage rated value V 1,000 Impulse voltage resistance / rated value Impulse voltage resistance / rated value V 12 Operating power / at AC-23 A * at 400 V / at 50/60 Hz / rated value A 500 V / at 50/60 Hz / rated value A 500 V / at 50/60 Hz / rated value A 500 V / at 50/60 Hz / rated value A 500 V / at 50/60 Hz / rated value A 500 V / rated value A 60	• at 400 V / at 50/60 Hz / rated value / maximum	А	315
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* 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 500 V / at 50/60 Hz / rated value / waximum * at 50/60 Hz / for AC / 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 2 current paths in series / with DC / rated value * vith 2 current paths in series / with DC / rated value * vith 2 current paths in series / with DC / rated value * vith 2 current paths in series / with DC / rated value * vith 2 current paths in series / with DC / rated value * vith 2 current paths in series / with DC / rated value * vith 2 current paths in series / with Call value * vith 2 current paths in series / with DC / rated value * vith 2 current paths in series / with Call value * vith 2 current paths in series / with Call value * vith 2 current paths in series / with Call value * vith 2 current / with closed switch * vith combination switch + fuse * vith combination switch + sqG fuse / maximum * vith combination switch + fuse * vith combination switch + fuse * vith combination switch + sqG fuse / maximum permissible * vith combination switch + sqG fuse / maximum permissible * vith combination switch + sqG fuse / maximum permissible * vith combination switch + sqG fuse / maximum permissible * vith combination switch + sqG fuse / maximum permissible * vith combination switch + sqG fuse / maximum permissible * vith combination switch + sqG fuse / maximum permissible * vith combination switch + sqG fuse / maximum permissible * vith combination switch + sqG fuse / maximum permissible * vith combination switch + sqG fuse / maximum permissible * vith combination switch + sqG fuse / maximum permissible * vith combin	• at 690 V / at 50/60 Hz / rated value / maximum	Α	315
• at 500 V / at 50/60 Hz / rated value / maximum • at 690 V / at 50/60 Hz / rated value / maximum • at 5060 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 • 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 2 value / rated value • vith 2 value / vith 50/60 Hz / rated value • at 600 V / at 50/60 Hz / rated value • at 600 V / at 50/60 Hz / rated value • vith 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 • at 690 V • for combination switch + sM fuse / maximum • at 690 V • at 400 V / maximum permissible • at 400 V / maximum permissible • at 400 V / maximum permissible • at 690 V / • with combination switch + sQf fuse / maximum permissible • at 690 V / • with combination switch + sQf fuse / maximum permissible • at 690 V / • with combination switch + sQf fuse / maximum permissible • at 690 V / • with combination switch + sQf fuse / maximum permissible • at 690 V / • with combination switch + sQf fuse / maximum permissible • at 690 V / • with combination switch + sQf fuse / maximum permissible • at 690 V / • with combination switch + sQf fuse / maximum permissible • at 690 V / • with combination switch + sQf fuse / maximum permissible • at 690 V / • with combination switch + sQf fuse / maximum permissible • at 690 V / • with combination switch + sQf fuse / maximum permissible • at 690 V / • with combination switch wall fuse / maximum permissible • at 690 V / • with combination switch wall fuse / maximum permissible • at 690 V / • with combination switch wall fuse / maximum permissible • at 690 V / • with combination swi	• at AC-23 A		
- at 690 V / at 50/60 Hz / rated value / maximum A 315 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 Impulse voltage resistance / rated value Impulse voltage rated value / Impulse voltage rated value Impulse voltage rated value / Impulse voltage rated value Impulse voltage rated value / Impulse voltage rated value Impulse voltage rated value / Impulse voltage rated value Impulse voltage rated value / Impulse voltage rated value Impulse voltage rated value / Impulse voltage rated value V	• at 400 V / at 50/60 Hz / rated value / maximum	Α	315
Operational voltage • at 50/60 Hz / for AC / 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 VV 12 Overvoltage class IV Operating power / at AC-23 A • at 400 V / at 50/60 Hz / rated value • kW 220 • at 590 V / at 50/60 Hz / rated value • kW 220 • at 690 V / at 50/60 Hz / rated value • kW 280 Izt value / with closed switch • for combination switch + fuse • at 400 V / maximum • at 590 V / maximum • for combination switch +gG fuse / maximum • for combination switch +gG fuse / maximum • for combination switch +fuse • at 400 V / maximum bermissible • at 500 V / maximum permissible • with combination switch +gG fuse / maximum permissible • with combination switch +gG fuse / maximum permissible • with combination switch +gG fuse / maximum permissible • with combination switch +gG fuse / maximum permissible • with combination switch +gG fuse / maximum permissible • with combination switch +gG fuse / maximum permissible • with combination switch +gG fuse / maximum permissible • with combination switch +gG fuse / maximum permissible • with combination switch +gG fuse / maximum permissible • with combination switch +gG fuse / maximum permissible • with combination switch +gG fuse / maximum permissible • with combination switch +gG fuse / maximum permissible • with combination switch +gG fuse / maximum permissible • with combination switch +gG fuse / maximum permissible • with combination switch +gG fuse / maximum permissible • with combination switch +gG fuse / maximum permissible • with combination switch +gG fuse / maximum permissible • with combination switch +gG	• at 500 V / at 50/60 Hz / rated value / maximum	Α	315
* at 50/60 Hz / for AC / rated value	• at 690 V / at 50/60 Hz / rated value / maximum	Α	315
with 3 current paths in series / with DC / rated value	Operational voltage		
Insulation voltage / 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 400 V / maximum • at 500 V / maximum • at 500 V / maximum • at 500 V / maximum • for combination switch +gG fuse / maximum • for combination switch +gG fuse / maximum • for combination switch +fuse • at 400 V / maximum • for combination switch +gG fuse / maximum • for combination switch +guse / maximum • for combination switch +fuse • at 400 V / maximum permissible • at 500 V / maximum permissible • at 500 V / maximum permissible • at 500 V / maximum permissible • at 690 V • with combination switch +gG fuse / maximum permissible • at 690 V • with combination switch +gG fuse / maximum permissible • with combination switch +gG fuse / maximum perm	• 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 / maximum - at 500 V / maximum - at 500 V / maximum - for combination switch +gG fuse / maximum - for combination switch +aff tuse - at 400 V / maximum - at 500 V / maximum - at 500 V / maximum - at 500 V / maximum - for combination switch +gG fuse / maximum - for combination switch +aff tuse / maximum - for combination switch +aff tuse / maximum - 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 +gG fuse / maximum permissible - at 690 V - with combination switch +gG fuse / maximum permissible - with combination switch +aff tuse / maximum permissible - with combination switch +aff tuse / maximum permissible - with combination switch +aff tuse / maximum permissible - with combination switch +aff tuse / maximum permissible - with combination switch +aff tuse / maximum permissible - with combination switch +aff tuse / maximum permissible - with combination switch +aff tuse / maximum permissible - with combination switch +aff tuse / maximum permissible - with combination switch +aff tuse / maximum permissible - with combination switch +aff tuse / maximum permissible - A 27,300 - A 27,300 - A 27,960 - A 28 - A 2	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 • for combination switch + gG fuse / maximum • for combination switch + sM fuse / maximum • for combination switch + sM fuse / maximum • for combination switch + sM fuse / maximum • for combination switch + sM fuse / maximum • for combination switch + sM fuse / maximum • at 400 V / maximum permissible • at 400 V / maximum permissible • at 400 V / maximum permissible • at 500 V / maximum permissible • at 690 V • with combination switch + sG fuse / maximum permissible • at 500 V / maximum permissible • at 500 V / maximum permissible • with combination switch + sG fuse / maximum permissible • with combination switch + sG fuse / maximum permissible • with combination switch + sG fuse / maximum permissible • with combination switch + sG fuse / maximum permissible • with combination switch + sG fuse / maximum permissible • A 27,300 • A 27,960 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	Impulse voltage resistance / rated value	kV	12
• at 400 V / at 50/60 Hz / rated value	Overvoltage class		IV
• at 500 V / at 50/60 Hz / rated value	Operating power / at AC-23 A		
* at 690 V / at 50/60 Hz / rated value I2t value / with closed switch	• at 400 V / at 50/60 Hz / rated value	kW	160
Let value / with closed switch	• at 500 V / at 50/60 Hz / rated value	kW	220
• for combination switch + fuse • at 400 V / maximum • at 500 V / maximum • at 690 V • for combination switch +gG fuse / maximum • for combination switch +aM fuse / maximum • for combination switch +aM fuse / maximum A²-s 1,165,000 • at 690 V • for combination switch +aM fuse / maximum A²-s 1,267,900 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 +gG fuse / maximum permissible • with combination switch +aM fuse / maximum permissible • with combination switch +aM fuse / maximum permissible A 27,300 Short-time current resistance (lcw) / limited to 1 s / rated value KA 13 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 65	• at 690 V / at 50/60 Hz / rated value	kW	280
at 400 V / maximum at 500 V / maximum at 690 V for combination switch +gG fuse / maximum for combination switch +aM fuse / maximum for combination switch +aM fuse / maximum A2-s 1,157,500 42-s 1,267,900 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 +gG fuse / maximum permissible with combination switch +aM fuse / maximum permissible with combination switch +aM fuse / maximum permissible with combination switch +aM fuse / maximum permissible A 27,300 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 65	I2t value / with closed switch		
• at 500 V / maximum • at 690 V • for combination switch +gG fuse / maximum • for combination switch +aM fuse / maximum • for combination switch +aM fuse / maximum • for combination switch +fuse • at 400 V / maximum permissible • at 500 V / maximum permissible • at 690 V • with combination switch +gG fuse / maximum permissible • at 690 V • with combination switch +gG fuse / maximum permissible • with combination switch +aM fuse / maximum permissible • A 27,300 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 kA 65	• for combination switch + fuse		
• at 690 V • for combination switch +gG fuse / maximum • for combination switch +aM fuse / maximum A²-s 1,157,500 • for combination switch +aM fuse / maximum A²-s 1,267,900 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 +gG fuse / maximum permissible • with combination switch +aM fuse / maximum permissible • with combination switch +aM fuse / maximum permissible A 27,300 Short-time current resistance (lcw) / limited to 1 s / rated value KA 13 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 65	• at 400 V / maximum	A²·s	1,165,000
• for combination switch +gG fuse / maximum • for combination switch +aM fuse / maximum • for combination switch +aM fuse / maximum • for combination switch + fuse • at 400 V / maximum permissible • at 500 V / maximum permissible • at 690 V • with combination switch +gG fuse / maximum permissible • with combination switch +gG fuse / maximum permissible • with combination switch +aM fuse / maximum permissible • A 27,300 • with combination switch +aM fuse / maximum permissible • A 27,960 Short-time current resistance (lcw) / limited to 1 s / rated value KA 13 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 65	• at 500 V / maximum	A²·s	1,165,000
• for combination switch +aM fuse / maximum A²-s 1,267,900 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 +gG fuse / maximum permissible • with combination switch +aM fuse / maximum permissible • with combination switch +aM fuse / maximum permissible A 27,300 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 65	• at 690 V		
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 +gG fuse / maximum permissible • with combination switch +aM fuse / maximum permissible • with combination switch +aM fuse / maximum permissible A 27,300 • with combination switch +aM fuse / maximum permissible A 27,960 Short-time current resistance (lcw) / limited to 1 s / rated value kA 13 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	• for combination switch +gG fuse / maximum	A²·s	1,157,500
• for combination switch + fuse • at 400 V / maximum permissible • at 500 V / maximum permissible • at 690 V • with combination switch +gG fuse / maximum permissible • with combination switch +aM fuse / maximum permissible • with combination switch +aM fuse / maximum permissible • With combination switc	• for combination switch +aM fuse / maximum	A²·s	1,267,900
 at 400 V / maximum permissible at 500 V / maximum permissible at 690 V with combination switch +gG fuse / maximum permissible with combination switch +aM fuse / maximum permissible A 27,300 with combination switch +aM fuse / maximum permissible A 27,960 Short-time current resistance (lcw) / limited to 1 s / rated value kA 13 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 65 	Let-through current / with closed switch		
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* at 690 V * with combination switch +gG fuse / maximum permissible * with combination switch +aM fuse / maximum permissible * with combination switch +aM fuse / maximum permissible * A 27,300 * with combination switch +aM fuse / maximum permissible * A 27,960 Short-time current resistance (lcw) / limited to 1 s / rated value * kA 13 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 65	• at 400 V / maximum permissible	Α	35,200
 with combination switch +gG fuse / maximum permissible with combination switch +aM fuse / maximum permissible 27,300 with combination switch +aM fuse / maximum permissible 27,960 Short-time current resistance (lcw) / limited to 1 s / rated value kA 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 65 	• at 500 V / maximum permissible	Α	35,200
 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 kA 65 	• at 690 V		
Short-time current resistance (lcw) / limited to 1 s / rated value	• with combination switch +gG fuse / maximum permissible	Α	27,300
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 65	• with combination switch +aM fuse / maximum permissible	Α	27,960
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 65	Short-time current resistance (lcw) / limited to 1 s / rated value	kA	13
• at 500 V / by gG fuse / rated value kA 65		kA	26
	Conditional short-circuit current / with line-side fuse protection		
• at 690 V / by gG fuse / rated value kA 35	• at 500 V / by gG fuse / rated value	kA	65
	• at 690 V / by gG fuse / rated value	kA	35

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 (6 240mm²), 2x (6 150mm²)
according to DIN 46235		1x (16 185mm²), 2x (16150MM²)
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		6
Number of NO contacts / for auxiliary contacts		6
Number of changeover contacts / for auxiliary contacts		0
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
Mounting type / rail mounting		No
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	234
Height	mm	164
Depth	mm	93.5
Protection class IP		IP00
		IP00
• on the front		11 00
on the front with closed switch / with cover or cable lug cover		IP20

during operating	°C	-25 +70
during storage	°C	-50 +80
Degree of pollution		3
Mechanical operating cycles as operating time / typical		10,000
Electrical endurance (switching cycles)		
• at AC-23 A / at 690 V / at 50/60 Hz		1,000
• 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	3,400
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)

https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3KD4040-0PE10-0

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

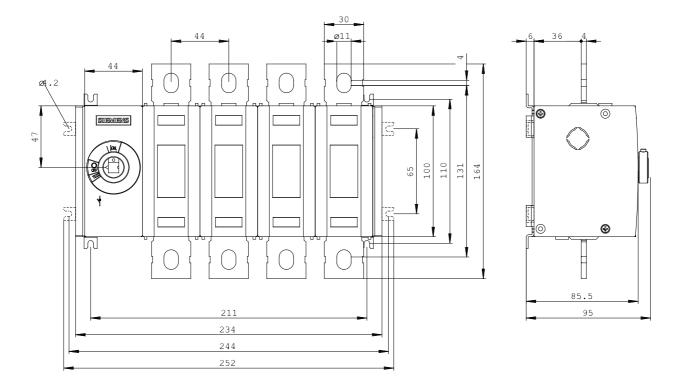
http://support.automation.siemens.com/WW/view/en/3KD4040-0PE10-0/all

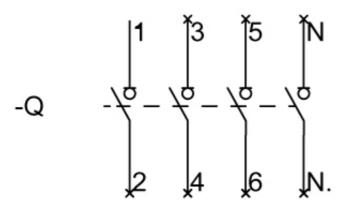
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KD4040-0PE10-0

CAx-Online-Generator

http://www.siemens.com/cax





last change: Apr 21, 2014