## **SIEMENS**

Product data sheet 3KD4040-0PE20-0

SWITCH-DISCONNECTOR 315A, FRAME SIZE 3, 4-POLE FRONT OPERATING CENTER 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 400 V / maximum  - at 400 V / maximum  - at 400 V / at 50/60 Hz / rated value / maximum  - at 500 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 600 V / at 50/60 Hz / rated value / maximum  - at 50/60 Hz / for AC / rated value  - vill 3 current paths in series / with DC / rated value  - vill 5 current paths in series / with DC / rated value  - vill 5 current paths in series / with DC / rated value  - vill 5 current paths in series / with DC / rated value  - vill 5 current paths in series / with DC / rated value  - vill 5 current paths in series / with DC / rated value  - vill 5 current paths in series / rated value  - vill 5 current value / vill 12  - 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 500 V / at 50/60 Hz / rated value  - at 500 V / maximum  - at 500 V / maximum permissible  - at 400 V / maximum permissible  - at 400 V / maximum permissible  - at 600 V / maximum permissible  - 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 / maximum permissible  - with combination switch + gG fuse / maximum permissible  - with combination switch + gG fuse / maximum permissible  - with combination switch + gG fuse / rated value / minimum  - at 500 V / by gG fuse / rated	• 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 500 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 500 V / at 50/60 Hz / rated value / maximum * at 50/60 Hz / rated value / maximum * at 50/60 Hz / rated value / maximum * at 50/60 Hz / rated value * vimit a current paths in series / with DC / rated value * vimit a current paths in series / with DC / rated value * vimit a current paths in series / with DC / rated value * vimit a current paths in series / with DC / rated value * vimit a current paths in series / with DC / rated value * vimit a current paths in series / with DC / rated value * vimit a current paths in series / with DC / rated value * vimit a current paths in series / with DC / rated value * vimit a current vimit a current / vimit a vimit a / rated value * vimit a combination switch + vima fluse / maximum permissible * vimit a combination switch + vima fluse / maximum permissible * vimit a combination switch + vima fluse / maximum permissible * vimit a combination switch + vima fluse / maximum permissible * vimit a combination switch + vima fluse / maximum permissible * vimit a combination switch + vima fluse / maximum permissible * vimit a combination switch + vima fluse / maximum permissible * vimit a combination switch + vima f	• at 690 V / maximum	Α	315
- at 500 V / at 50/60 Hz / rated value / maximum	• at AC-22 A		
* at 860 V / at 50/60 Hz / rated value / maximum	• at 400 V / at 50/60 Hz / rated value / maximum	Α	315
* at ACC-23 A  * at 400 V / at 50/60 Hz / rated value / maximum A 315  * at 690 V / at 50/60 Hz / rated value / maximum A 315  Operational voltage * at 690 V / at 50/60 Hz / rated value / maximum A 315  Operational voltage * at 50/60 Hz / for AC / rated value / maximum A 315  Operational voltage * 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 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 combination switch + fuse * vith 4 combination switch + fuse * vith 4 combination switch + gG fuse / maximum * vith combination switch + qG fuse / maximum * vith combination switch + quse * vith combination switch + quse * vith 4 combination switch + quse * vith 3 current / with closed switch * vith combination switch + quse * vith combination switch + qG fuse / maximum permissible * vith combination switch + qG fuse / maximum permissible * vith combination switch + qG fuse / maximum permissible * vith combination switch + qG fuse / maximum permissible * vith combination switch + qG fuse / maximum permissible * vith combination switch + qG fuse / maximum permissible * vith combination switch + qG fuse / maximum permissible * vith combination switch + qG fuse / maximum permissible * vith combination switch + qG fuse / maximum permissible * vith combination switch + qG fuse / maximum permissible * vith combination switch + qG fuse / maximum permissible * vith combination switch + qG fus	• at 500 V / at 50/60 Hz / rated value / maximum	Α	315
	• 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 500 V / at 50/60 Hz / rated value / maximum  * at 500 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  * v	• at AC-23 A		
• at 590 V / at 50/60 Hz / frated 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  V 1,000  Impulse voltage resistance / rated value  V 12  Overvoltage class  IV  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  • to for combination switch + fuse  • at 400 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 +gG fuse / maximum  • for combination switch + fuse  • at 400 V / maximum permissible  • 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  • at 500 V / maximum permissible  • at 500 V / maximum permissible  • with combination switch +gG fuse / maximum permissible  •	• 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 • 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 690 V / at 50/60 Hz / rated value  • at 400 V / maximum  • at 500 V / maximum  • at 500 V / maximum  • for combination switch + fuse  • at 400 V / maximum  • for combination switch +gG fuse / maximum  • for combination switch +dM fuse / maximum  • for combination switch +dM fuse / maximum  • for combination switch +fuse  • at 400 V / maximum permissible  • at 500 V / maximum permissible  • at 690 V  • with combination switch +dM fuse / maximum permissible  • with combination switch +dM fuse / maximum permissible  • with combination switch +dM fuse / maximum permissible  • with combination switch +dM fuse / maximum permissible  • with combination switch +dM fuse / maximum permissible  • with combination switch +dM fuse / maximum permissible  • with combination switch +dM fuse / maximum permissible  • with combination switch +dM fuse / maximum permissible  • with combination switch +dM fuse / maximum permissible  • with combination switch +dM fuse / maximum permissible  • with combination switch +dM fuse / maximum permissible  • with combination switch +dM fuse / maximum permissible  • with combination switch +dM fuse / maximum permissible  • with combination switch +dM fuse / maximum permissible  • with combination switch +dM fuse / maximum permissible  • with combination switch +dM fuse / maximum permissible  • with combination switch +dM fuse / maximum permissible  • with combination switch +dM fuse / maximum permissible  • with combination s	$\bullet$ at 500 V / at 50/60 Hz / rated value / maximum	Α	315
* at 50/60 Hz / for AC / rated value	$\bullet$ at 690 V / at 50/60 Hz / rated value / maximum	Α	315
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  IV  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     into combination switch + fuse     at 400 V / maximum     at 500 V / maximum     at 500 V / maximum     infor combination switch + gG fuse / maximum     infor combination switch + fuse     at 400 V / maximum     infor combination switch + gG fuse / maximum     infor combination switch + gG fuse / maximum     infor combination switch + fuse     infor combination switch + gG fuse / maximum permissible     infor combination switch + gG fuse / maximum permissible     infor combination switch + gG fuse / maximum permissible     infor combination switch + gG fuse / maximum permissible     infor combination switch + gG fuse / maximum permissible     infor combination switch + gG fuse / maximum permissible     infor combination switch + gG fuse / maximum permissible     infor combination switch + gG fuse / maximum permissible     infor combination switch + gG fuse / maximum permissible     infor combination switch + gG fuse / maximum permissible     infor combination switch + gG fuse	Operational voltage		
Insulation voltage / rated value	• at 50/60 Hz / for AC / rated value	V	690
Impulse voltage resistance / rated value  Overvoltage class  IV  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  • at 400 V / maximum • at 500 V / maximum • at 500 V / maximum • for combination switch + fuse • at 400 V / maximum • for combination switch +gG fuse / maximum • for combination switch +aM fuse / maximum • for combination switch + tuse • at 400 V / maximum permissible • 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 • with combination switch +gG fuse / maximum permissibl	• 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 690 V / at 50/60 Hz / rated value  • at 400 V / maximum  • at 500 V / maximum  • at 500 V / maximum  • at 690 V  • for combination switch +gG fuse / maximum  • for combination switch +aM fuse / maximum  • for combination switch + fuse  • at 400 V / maximum  • for combination switch + fuse  • at 400 V / 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 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 +sus / maximum permissible  A 27,300  Short-time current resistance (lcw) / limited to 1 s / rated value  AA 26  Short-time current resistance (lcw) / limited to 1 s / rated value  AA 36  Conditional short-circuit current / with line-side fuse protection  • at 500 V / by gG fuse / 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    WW 280    Izt value / with closed switch   • for combination switch + fuse   • at 400 V / maximum	Impulse voltage resistance / rated value	kV	12
• 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    Value / with closed switch   • for combination switch + fuse   • at 400 V / maximum	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     • for combination switch + fuse     • 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 +aM fuse / maximum permissible     • with combination switch +aM fuse / maximum permissible     • with combination switch +aM fuse / maximum permissible     • With combination switch +aM fuse	• at 690 V / at 50/60 Hz / rated value	kW	280
at 400 V / maximum  at 500 V / maximum  at 500 V / maximum  at 690 V  for combination switch +gG fuse / maximum  for combination switch +aM fuse / maximum  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 +gG fuse / 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	I2t value / with closed switch		
at 500 V / maximum  at 500 V / maximum  for combination switch +gG fuse / maximum  for combination switch +aM fuse / maximum  for combination switch +aM 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 +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  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	• 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     A 27,300     • with combination switch +aM fuse / maximum permissible     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  kA 65	• at 400 V / maximum	A²-s	1,165,000
• 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	• 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      • 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 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	<ul> <li>for combination switch +gG fuse / maximum</li> </ul>	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 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	for combination switch +aM fuse / maximum	A²-s	1,267,900
<ul> <li>at 400 V / maximum permissible</li> <li>at 500 V / maximum permissible</li> <li>at 690 V</li> <li>with combination switch +gG fuse / maximum permissible</li> <li>with combination switch +aM fuse / maximum permissible</li> <li>27,300</li> <li>with combination switch +aM fuse / maximum permissible</li> <li>27,960</li> <li>Short-time current resistance (lcw) / limited to 1 s / rated value</li> <li>kA</li> <li>Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum</li> <li>Conditional short-circuit current / with line-side fuse protection</li> <li>at 500 V / by gG fuse / rated value</li> <li>kA</li> <li>65</li> </ul>	Let-through current / with closed switch		
<ul> <li>at 500 V / maximum permissible</li> <li>at 690 V</li> <li>with combination switch +gG fuse / maximum permissible</li> <li>with combination switch +aM fuse / maximum permissible</li> <li>at 27,300</li> <li>with combination switch +aM fuse / maximum permissible</li> <li>A 27,960</li> <li>Short-time current resistance (lcw) / limited to 1 s / rated value</li> <li>kA 13</li> <li>Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum</li> <li>Conditional short-circuit current / with line-side fuse protection</li> <li>at 500 V / by gG fuse / rated value</li> <li>kA 65</li> </ul>	• for combination switch + fuse		
* at 690 V      * with combination switch +gG fuse / maximum permissible     * with combination switch +aM fuse / maximum permissible     * with combination switch +aM fuse / maximum permissible     * 27,960  Short-time current resistance (lcw) / limited to 1 s / rated value     * A  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  27,300  * A  27,960  * A  26  * A  65	• at 400 V / maximum permissible	Α	35,200
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 permissible	Α	35,200
with combination switch +aM fuse / maximum permissible     A 27,960  Short-time current resistance (lcw) / limited to 1 s / rated value	• 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		
<ul> <li>according to DIN 46234</li> </ul>		1x (6 240mm²), 2x (6 150mm²)
<ul> <li>according to DIN 46235</li> </ul>		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		after the second pole
Design of handle		without
Width	mm	234
Height	mm	164
Depth	mm	93.5
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		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		
<ul> <li>for switch position indicator door-coupling rotary operating mechanism</li> </ul>		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/3KD4040-0PE20-0

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

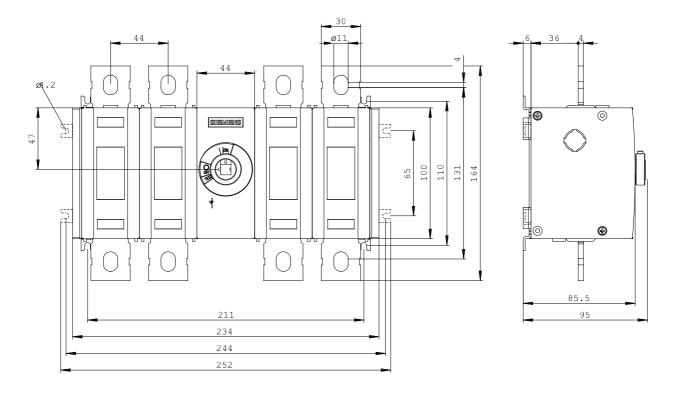
http://support.automation.siemens.com/WW/view/en/3KD4040-0PE20-0/all

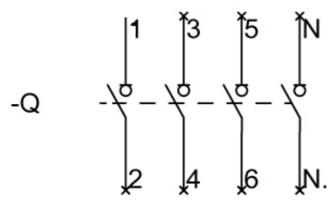
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3KD4040-0PE20-0

**CAx-Online-Generator** 

http://www.siemens.com/cax





last change: Apr 21, 2014