## **SIEMENS**

Product data sheet 3KD4030-0PE20-0

SWITCH-DISCONNECTOR 315A, FRAME SIZE 3, 3-POLE FRONT OPERATING CENTER BASIC UNIT WITHOUT HANDLE FLAT TERMINAL



Similar to image

product brand name		SENTRON
		Switching device
Product designation		
Design of the product		3KD Switch Disconnectors
Size of switch disconnector		3
Number of poles		3
Continuous current		
• rated value	Α	315
• at 40 °C / rated value	А	315
• at 45 °C / rated value	А	315
• at 50 °C / rated value	А	315
• at 55 °C / rated value	А	315
• at 60 °C / rated value	А	315
• at 65 °C / rated value	А	315
• at 70 °C / rated value	А	315
• at DC / rated value	А	315
Operating current		
• at AC-21 A		
• at 400 V / maximum	A	315

• at 690 V / maximum  • 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 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 690 V / at 50/60 Hz / rated value / maximum  • at 1890 V / at 50/60 Hz / rated value / maximum  • at 220 V / maximum / note  • at 400 V / rated value / maximum / note  • at 400 V / rated value / maximum / note  • at 400 V / rated value / maximum / note  • at 400 V / rated value / maximum / note  • at 440 V / rated value / maximum / note  • at 220 V / rated value / maximum / note  • at 440 V / rated value / maximum / note  • at 440 V / rated value / maximum / note  • at 440 V / rated value / maximum / note  • at 440 V / rated value / maximum / note  • 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    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	• at 500 V / maximum	Α	315
** 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 690 V / at 50/60 Hz / rated value / maximum A 315  ** at 400 V / at 50/60 Hz / rated value / maximum A 315  ** 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 500 V / at 50/60 Hz / rated value / maximum A 315  ** at 220 V / rated value / maximum A 315  ** at 220 V / maximum / note 315 / 2  ** at 440 V / rated value / maximum / note 315 / 3  ** at DC-22 A  ** at 220 V / rated value / maximum / note 315 / 2  ** at 440 V / rated value / maximum / note 315 / 3  ** at CC-23 A  ** at 220 V / rated value / maximum / note 315 / 3  ** at CC-24 A  ** at 220 V / rated value / maximum / note 315 / 3  ** at CC-25 A  ** at 220 V / rated value / maximum / note 315 / 2  ** at 440 V / rated value / maximum / note 315 / 2  ** at 440 V / rated value / raximum / note 315 / 2  ** at 440 V / rated value / raximum / note 315 / 3  **Operational voltage  ** at 50/60 Hz / for 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 KV 12  Overvoltage class  **Operating power / at AC-23 A  ** at 400 V / at 50/60 Hz / rated value KW 220  ** at 50/00 / at 50/60 Hz / rated value KW 220  ** at 600 V / at 50/60 Hz / rated value KW 280  Izt value / with closed switch  **or combination switch + fuse  ** at 400 V / maximum A A2-s 1,165,000	• 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 400 V / at 50/60 Hz / rated value / maximum  * 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 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 / note  * at 440 V / rated value / maximum / note  * at 220 V / rated value / maximum / note  * at 220 V / rated value / maximum / note  * at 220 V / rated value / maximum / note  * at 220 V / rated value / maximum / note  * at 440 V / rated value / maximum / note  * at 440 V / rated value / maximum / note  * at 440 V / rated value / maximum / note  * at 50/60 Hz / for AC / rated value  * viith 3 current paths in series / with DC / rated value  * viith 3 current paths in series / with DC / rated value  * viith 3 current paths in series / with DC / rated value  * viith 3 current paths in series / with DC / rated value  * viith 3 current paths in series / with DC / rated value  * viith 3 current paths in series / with DC / rated value  * viith 3 current paths in series / with DC / rated value  * viith 3 current paths in series / with DC / rated value  * viith 4 current paths in series / with DC / rated value  * viith 3 current paths in series / with DC / rated value  * viith 3 current paths in series / with DC / rated value  * viith 3 current paths in series / with DC / rated value  * viith 3 current paths in series / with DC / rated value  * viith 3 current paths in series / with DC / rated value  * viith 3 current paths in series / with DC / rated value  * viith 3 current paths in series / with DC / rated value  * viith 3 current paths in series / with DC / rated value  * viith 3 current paths in series / with DC / rated va	• 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  • at 500 V / at 50/60 Hz / rated value / maximum  • at 500 V / at 50/60 Hz / rated value / maximum  • at DC-21 A  • at 220 V / maximum / note  • at 440 V / rated value / maximum / note  • at 440 V / rated value / maximum / note  • at 420 V / rated value / maximum / note  • at 440 V / rated value / maximum / note  • at 440 V / rated value / maximum / note  • at 440 V / rated value / maximum / note  • at 440 V / rated value / maximum / note  • at 50/60 Hz / rated value / maximum / note  • at 50/60 Hz / rated value  V 440  Insulation voltage / rated value  V 1,000  Impulse voltage resistance / rated value  • at 500 V / at 50/60 Hz / rated value  • at 690 V / at 50/60	• at 400 V / at 50/60 Hz / rated value / maximum	Α	315
• 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  • at 690 V / at 50/60 Hz / rated value / maximum  • at 690 V / at 50/60 Hz / rated value / maximum  • at DC-21 A  • at 220 V / maximum / note  • at 440 V / rated value / maximum / note  • at 220 V / rated value / maximum / note  • at 220 V / rated value / maximum / note  • at 440 V / rated value / maximum / note  • at 440 V / rated value / maximum / note  • at 440 V / rated value / maximum / note  • at 440 V / rated value / maximum / note  • at 440 V / rated value / maximum / note  • at 440 V / rated value / maximum / note  • 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 500 V / at 50/60 Hz / rated value / 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 690 V / at 50/60 Hz / rated value / maximum  * at DC-21 A  * at 220 V / maximum / note  * at 440 V / rated value / maximum / note  * at 440 V / rated value / maximum / note  * at 220 V / rated value / maximum / note  * at 440 V / rated value / maximum / note  * at 440 V / rated value / maximum / note  * at 440 V / rated value / maximum / note  * at 220 V / rated value / maximum / note  * at 220 V / rated value / maximum / note  * at 440 V / rated value / maximum / note  * at 440 V / rated value / maximum / note  * 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  * v	• 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 690 V / at 50/60 Hz / rated value / maximum  * at DC-21 A  * at 220 V / maximum / note  * at 440 V / rated value / maximum / note  * at 440 V / rated value / maximum / note  * at 220 V / rated value / maximum / note  * at 440 V / rated value / maximum / note  * at 440 V / rated value / maximum / note  * at 220 V / rated value / maximum / note  * at 220 V / rated value / maximum / note  * at 440 V / rated value / maximum / note  * 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 440  Insulation voltage / rated value    V 1,000  Impulse voltage resistance / rated value    V 1,000    V 12    V 20    V 20	• at AC-23 A		
* at 690 V / at 50/60 Hz / rated value / maximum  * at DC-21 A  * at 220 V / maximum / note  * at 440 V / rated value / maximum / note  * at 440 V / rated value / maximum / note  * at 220 V / rated value / maximum / note  * at 220 V / rated value / maximum / note  * at 440 V / rated value / maximum / note  * at 220 V / rated value / maximum / note  * at 220 V / rated value / maximum / note  * at 220 V / rated value / maximum / note  * at 440 V / rated value / maximum / note  * 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  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 600 V / maximum	• at 400 V / at 50/60 Hz / rated value / maximum	Α	315
* at DC-21 A     * at 220 V / maximum / note     * at 440 V / rated value / maximum / note     * at 440 V / rated value / maximum / note     * at 220 V / rated value / maximum / note     * at 220 V / rated value / maximum / note     * at 440 V / rated value / maximum / note     * at 220 V / rated value / maximum / note     * at 220 V / rated value / maximum / note     * at 440 V / rated value / maximum / note     * at 50/60 Hz / for AC / rated value     * at 50/60 Hz / for AC / rated value     * with 3 current paths in series / with DC / rated value     V	• at 500 V / at 50/60 Hz / rated value / maximum	Α	315
* at 220 V / maximum / note  * at 440 V / rated value / maximum / note  * at DC-22 A  * at 220 V / rated value / maximum / note  * at 440 V / rated value / maximum / note  * at 440 V / rated value / maximum / note  * at 440 V / rated value / maximum / note  * at 220 V / rated value / maximum / note  * at 220 V / rated value / maximum / note  * at 440 V / rated value / maximum / note  * of 440 V / rated value / maximum / note  * of 50/60 Hz / for AC / rated value  * of 50/60 Hz / for AC / rated value  * of 440  * Insulation voltage / rated value  * v	• at 690 V / at 50/60 Hz / rated value / maximum	Α	315
<ul> <li>at 440 V / rated value / maximum / note</li> <li>at DC-22 A</li> <li>at 220 V / rated value / maximum / note</li> <li>at 440 V / rated value / maximum / note</li> <li>at 220 V / rated value / maximum / note</li> <li>at DC-23 A</li> <li>at 220 V / rated value / maximum / note</li> <li>at 220 V / rated value / maximum / note</li> <li>at 440 V / rated value / maximum / note</li> <li>315 / 2</li> <li>at 440 V / rated value / maximum / note</li> <li>315 / 3</li> <li>Operational voltage</li> <li>at 50/60 Hz / for AC / rated value</li> <li>with 3 current paths in series / with DC / rated value</li> <li>v 440</li> <li>Insulation voltage / rated value</li> <li>v 1,000</li> <li>Impulse voltage resistance / rated value</li> <li>kV 12</li> <li>Overvoltage class</li> <li>Operating power / at AC-23 A</li> <li>at 400 V / at 50/60 Hz / rated value</li> <li>kW 220</li> <li>at 690 V / at 50/60 Hz / rated value</li> <li>kW 280</li> <li>Izt value / with closed switch</li> <li>for combination switch + fuse</li> <li>at 400 V / maximum</li> <li>A²-s 1,165,000</li> </ul>	• at DC-21 A		
* at DC-22 A     * at 220 V / rated value / maximum / note     * at 440 V / rated value / maximum / note     * at 440 V / rated value / maximum / note     * at 220 V / rated value / maximum / note     * at 220 V / rated value / maximum / note     * at 440 V / rated value / maximum / note     * at 50/60 Hz / for AC / rated value     * at 50/60 Hz / for AC / rated value     * with 3 current paths in series / with DC / rated value     * v  Insulation voltage / rated value     v  V  Overvoltage resistance / rated value     v  Poerating 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 690 V / at 50/60 Hz / rated value     * at 400 V / maximum  A²-s  1,165,000	• at 220 V / maximum / note		315 / 2
<ul> <li>at 220 V / rated value / maximum / note</li> <li>at 440 V / rated value / maximum / note</li> <li>at DC-23 A</li> <li>at 220 V / rated value / maximum / note</li> <li>at 440 V / rated value / maximum / note</li> <li>at 440 V / rated value / maximum / note</li> <li>315 / 2</li> <li>at 440 V / rated value / maximum / note</li> <li>315 / 3</li> <li>Operational voltage         <ul> <li>at 50/60 Hz / for AC / rated value</li> <li>with 3 current paths in series / with DC / rated value</li> <li>v 440</li> </ul> </li> <li>Insulation voltage / rated value</li> <li>kV 12</li> <li>Overvoltage class</li> <li>IV</li> <li>Operating power / at AC-23 A</li> <ul> <li>at 400 V / at 50/60 Hz / rated value</li> <li>kW 220</li> <li>at 690 V / at 50/60 Hz / rated value</li> <li>kW 280</li> </ul> <li>I2t value / with closed switch         <ul> <li>for combination switch + fuse</li> <li>at 400 V / maximum</li> <li>A²-s 1,165,000</li> </ul> </li> </ul>	• at 440 V / rated value / maximum / note		315 / 3
<ul> <li>at 440 V / rated value / maximum / note</li> <li>at DC-23 A</li> <li>at 220 V / rated value / maximum / note</li> <li>at 440 V / rated value / maximum / note</li> <li>at 440 V / rated value / maximum / note</li> <li>315 / 2</li> <li>315 / 3</li> <li>Operational voltage         <ul> <li>at 50/60 Hz / for AC / rated value</li> <li>with 3 current paths in series / with DC / rated value</li> <li>v 440</li> </ul> </li> <li>Insulation voltage / rated value</li> <li>v 1,000</li> <li>Impulse voltage resistance / rated value</li> <li>kV 12</li> <li>Overvoltage class</li> <li>IV</li> <li>Operating power / at AC-23 A</li> <li>at 400 V / at 50/60 Hz / rated value</li> <li>at 500 V / at 50/60 Hz / rated value</li> <li>kW 220</li> <li>at 690 V / at 50/60 Hz / rated value</li> <li>kW 280</li> <li>I2t value / with closed switch</li> <li>for combination switch + fuse</li> <li>at 400 V / maximum</li> <li>A²-s 1,165,000</li> </ul>	• at DC-22 A		
• at DC-23 A  • at 220 V / rated value / maximum / note  • at 440 V / rated value / maximum / note  315 / 2  315 / 3  Operational voltage  • at 50/60 Hz / for AC / 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  • at 690 V / at 50/60 Hz / rated value  • at 690 V / maximum  A²-s 1,165,000	• at 220 V / rated value / maximum / note		315 / 2
<ul> <li>at 220 V / rated value / maximum / note</li> <li>at 440 V / rated value / maximum / note</li> <li>315 / 2</li> <li>at 440 V / rated value / maximum / note</li> <li>315 / 3</li> <li>Operational voltage</li> <li>at 50/60 Hz / for AC / rated value</li> <li>with 3 current paths in series / with DC / rated value</li> <li>V 440</li> <li>Insulation voltage / rated value</li> <li>V 1,000</li> <li>Impulse voltage resistance / rated value</li> <li>kV 12</li> <li>Overvoltage class</li> <li>Operating power / at AC-23 A</li> <li>at 400 V / at 50/60 Hz / rated value</li> <li>kW 160</li> <li>at 500 V / at 50/60 Hz / rated value</li> <li>kW 220</li> <li>at 690 V / at 50/60 Hz / rated value</li> <li>kW 280</li> <li>Izt value / with closed switch</li> <li>for combination switch + fuse</li> <li>at 400 V / maximum</li> <li>A²-s 1,165,000</li> </ul>	• at 440 V / rated value / maximum / note		315 / 3
at 440 V / rated value / maximum / note  Operational voltage  at 50/60 Hz / for AC / 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  kW 160  at 500 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  A²-s 1,165,000	• at DC-23 A		
Operational voltage  • at 50/60 Hz / for AC / rated value  • with 3 current paths in series / with DC / rated value  Insulation voltage / rated value  V 1,000  Impulse voltage resistance / rated value  kV 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  • 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  A²-s 1,165,000	• at 220 V / rated value / maximum / note		315 / 2
at 50/60 Hz / for AC / rated value  with 3 current paths in series / with DC / rated value  Insulation voltage / rated value  V 1,000  Impulse voltage resistance / rated value  kV 12  Overvoltage class  IV  Operating power / at AC-23 A  at 400 V / at 50/60 Hz / rated value  kW 160  at 500 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  A²-s 1,165,000	at 440 V / rated value / maximum / note		315 / 3
with 3 current paths in series / with DC / rated value  Insulation voltage / rated value  V 1,000  Impulse voltage resistance / rated value  kV 12  Overvoltage class  IV  Operating power / at AC-23 A      at 400 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  by the closed switch  at 400 V / maximum  A2-s 1,165,000	Operational voltage		
Insulation voltage / rated value  V 1,000  Impulse voltage resistance / rated value  RV 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  Izt value / with closed switch  • for combination switch + fuse  • at 400 V / maximum  A2-s 1,165,000	• at 50/60 Hz / for AC / rated value	V	690
Impulse voltage resistance / rated value    V	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    kW   220	Insulation voltage / rated value	V	1,000
Operating power / at AC-23 A  • at 400 V / at 50/60 Hz / rated value	Impulse voltage resistance / rated value	kV	12
• at 400 V / at 50/60 Hz / rated value	Overvoltage class		IV
<ul> <li>at 500 V / at 50/60 Hz / rated value</li> <li>at 690 V / at 50/60 Hz / rated value</li> <li>kW 280</li> <li>12t value / with closed switch</li> <li>for combination switch + fuse</li> <li>at 400 V / maximum</li> <li>A²-s 1,165,000</li> </ul>	Operating power / at AC-23 A		
at 690 V / at 50/60 Hz / rated value    KW   280	• at 400 V / at 50/60 Hz / rated value	kW	160
I2t value / with closed switch  • for combination switch + fuse  • at 400 V / maximum  A²-s 1,165,000	• at 500 V / at 50/60 Hz / rated value	kW	220
• for combination switch + fuse  • at 400 V / maximum  A²-s 1,165,000	• at 690 V / at 50/60 Hz / rated value	kW	280
• at 400 V / maximum A²-s 1,165,000	l2t value / with closed switch		
	• for combination switch + fuse		
1500 1/4	• at 400 V / maximum	A²⋅s	1,165,000
• at 500 V / maximum A <sup>2</sup> ·s 1,165,000	• at 500 V / maximum	A²⋅s	1,165,000
• at 690 V	• at 690 V		
• for combination switch +gG fuse / maximum A²-s 1,157,500	• for combination switch +gG fuse / maximum	A²-s	1,157,500
• for combination switch +aM fuse / maximum A²-s 1,267,900	for combination switch +aM fuse / maximum	A²-s	1,267,900
Let-through current / with closed switch	Let-through current / with closed switch		
• for combination switch + fuse	• for combination switch + fuse		
• at 400 V / maximum permissible A 35,200	• at 400 V / maximum permissible	А	35,200
• at 500 V / maximum permissible A 35,200	• at 500 V / maximum permissible	А	35,200

• at 690 V		
• with combination switch +gG fuse / maximum permissible	Α	27,300
• with combination switch +aM fuse / maximum permissible	Α	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	kA	26
Conditional short-circuit current / with line-side fuse protection		
• 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		after the first pole
Design of handle		without
Width	mm	190
Height	mm	164
Depth	mm	93.5
Protection class IP		IP00
• on the front		IP00
<ul> <li>with closed switch / with cover or cable lug cover</li> </ul>		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	2,800
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/3KD4030-0PE20-0

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

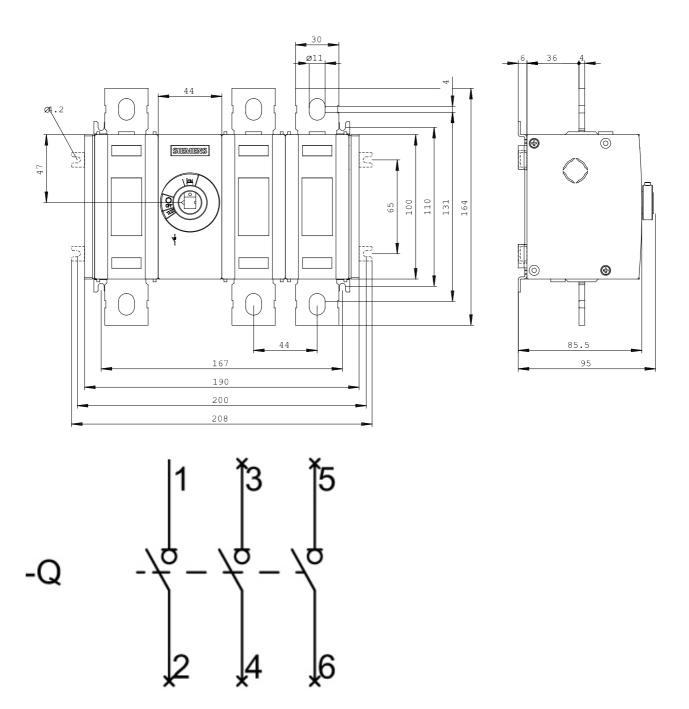
 $\underline{\text{http://support.automation.siemens.com/WW/view/en/3KD4030-0PE20-0/all}}$ 

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3KD4030-0PE20-0

**CAx-Online-Generator** 

http://www.siemens.com/cax



last change: Apr 21, 2014