## **SIEMENS**

Product data sheet 3KD2840-0NE20-0



SWITCH-DISCONNECTOR 80A, FRAME SIZE 2, 4-POLE FRONT OPERATING CENTER BASIC UNIT WITHOUT HANDLE FLAT TERMINAL INCL. PHASE BARRIERS

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		2		
Number of poles		4		
Continuous current				
• rated value	А	80		
• at 40 °C / rated value	А	80		
• at 45 °C / rated value	А	80		
• at 50 °C / rated value	А	80		
• at 55 °C / rated value	А	80		
• at 60 °C / rated value	А	80		
• at 65 °C / rated value	А	80		
• at 70 °C / rated value	А	80		
• at DC / rated value	Α	80		
Operating current				
• at AC-21 A				
• at 400 V / maximum	Α	80		

* at 500 V / maximum * at AC 22 A * at 400 V / maximum A 80 * at 500 V / at 50/60 Hz / rated value / maximum A 80 * at 500 V / at 50/60 Hz / rated value / maximum A 80 * at 600 V / at 50/60 Hz / rated value / maximum A 80 * at 600 V / at 50/60 Hz / rated value / maximum A 80 * at 600 V / at 50/60 Hz / rated value / maximum A 80 * at 600 V / at 50/60 Hz / rated value / maximum A 80 * at 600 V / at 50/60 Hz / rated value / maximum A 80 * at 600 V / at 50/60 Hz / rated value / maximum A 80 * Operational voltage * at 50/60 Hz / rated value / maximum A 80 * at 50/60 Hz / rated value / maximum A 80 * operating power / at 60/60 Hz / rated value A 40 * insulation voltage / rated value A 40 * insulation voltage resistance / rated value A 40 * overottage class * in 400 V / at 50/60 Hz / rated value A 500 * overottage class A 50/60 Hz / rated value A 50/60 * overottage class A 50/60 Hz / rated value A 50/60 * overottage class A 50/60 * overottage class A 50/60 Hz / rated value A 50/60 * overottage class A 60/60 * ov			
	• at 500 V / maximum	Α	80
* at 400 V / at 50/80 Hz / rated value / maximum	• at 690 V / maximum	Α	80
**at 500 V / at 50/60 Hz / rated value / maximum	• at AC-22 A		
**at AC-23 A **at 400 V / at 50/60 Hz / rated value / maximum **at 800 V / at 50/60 Hz / rated value / maximum **at 800 V / at 50/60 Hz / rated value / maximum **at 800 V / at 50/60 Hz / rated value / maximum **at 800 V / at 50/60 Hz / rated value / maximum **at 800 V / at 50/60 Hz / rated value / maximum **A 80  Operational voltage **at 50/60 Hz / for AC / rated value **vilth 3 current paths in series / with DC / rated value **vilth 3 current paths in series / with DC / rated value **vilth 3 current paths in series / with DC / rated value **V 440  Insulation voltage rated value **V 1.000  Impulse voltage resistance / rated value **W 8  Operating power / at AC-23 A **at 400 V / at 50/60 Hz / rated value **W 37  **at 500 V / at 50/60 Hz / rated value **W 75  Izt value / with closed switch **of combination switch + fuse **at 400 V / maximum **at 500 V / maximum **at 500 V / maximum **at 500 V / maximum permissible **at 400 V / maximum permissible **at 600 V / maximum permissibl	$\bullet$ at 400 V / at 50/60 Hz / rated value / maximum	Α	80
• at AC-23 A • at 400 V / at 50/60 Hz / rated value / maximum • at 5600 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 • v	$\bullet$ at 500 V / at 50/60 Hz / rated value / maximum	Α	80
- at 400 V / at 50/60 Hz / rated value / maximum	• at 690 V / at 50/60 Hz / rated value / maximum	Α	80
* at 500 V / at 50/60 Hz / rated value / maximum	• at AC-23 A		
- at 590 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    v	$\bullet$ at 400 V / at 50/60 Hz / rated value / maximum	Α	80
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 8  Overvoltage class  III  Operating power / at AC-23 A  • at 400 V / at 50/60 Hz / rated value  kW 37  • at 690 V / at 50/60 Hz / rated value  kW 55  • at 690 V / at 50/60 Hz / rated value  kW 75  Izt value / with closed switch  • for combination switch + fuse  • at 400 V / maximum  • at 500 V / maximum  • for combination switch +gG fuse / maximum  • for combination switch +gG fuse / maximum  • for combination switch +luse  • 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  • at 690 V  • with combination switch +gG fuse / maximum permissible  • at 690 V  • with combination switch +gG fuse / maximum permissible  • at 690 V  • with combination switch +gG fuse / maximum permissible  • at 690 V  • with combination switch +gG fuse / maximum permissible  • at 690 V  • with combination switch +gG fuse / maximum permissible  • at 690 V  • with combination switch +gG fuse / maximum permissible  • at 690 V  • with combination switch +gG fuse / maximum permissible  • at 690 V  • with combination switch +gG fuse / maximum permissible  • A 17,600  Short-time current resistance (icw) / limited to 1 s / rated value  A 17,600   Short-time current resistance (icw) / limited to 1 s / rated value  A 12  Conditional short-circuit current (/ with line-side fuse protection  • at 500 V / by gG fuse / rated value	$\bullet$ at 500 V / at 50/60 Hz / rated value / maximum	Α	80
* at 50/60 Hz / for AC / rated value	$\bullet$ at 690 V / at 50/60 Hz / rated value / maximum	Α	80
with 3 current paths in series / with DC / rated value	Operational voltage		
Insulation voltage / rated value  Impulse voltage resistance / rated value  Overvoltage class  Uill  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 • for combination switch +gG fuse / maximum • for combination switch +gG fuse / maximum • for combination switch + suse • 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 600 V • with combination switch +gG fuse / maximum permissible • at 600 V • with combination switch +gG fuse / maximum permissible • at 600 V • with combination switch +gG fuse / maximum permissible • at 600 V • 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 fuse / maximum permissible • with combination switch +gG fuse /	• at 50/60 Hz / for AC / rated value	V	690
Impulse voltage resistance / rated value  Overvoltage class  Uill  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 • for combination switch +gG fuse / maximum • for combination switch +gG fuse / maximum • for combination switch +guse • 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 per	• 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 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 - for combination switch +aM fuse / maximum - for combination switch +aM fuse / 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 +fuse - at 400 V / maximum permissible - at 690 V - with combination switch +gG fuse / maximum permissible - at 690 V - with combination switch +gG fuse / maximum permissible - at 690 V - with combination switch +gG fuse / maximum permissible - at 690 V - with combination switch +aM fuse / maximum permissible - with combina	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 • 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 + fuse • at 400 V / maximum • for combination switch + fuse • at 400 V / maximum • for combination switch + gG fuse / maximum • for combination switch + sM fuse / maximum • for combination switch + sM fuse / 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 500 V / maximum permissible • at 690 V • with combination switch + sG fuse / maximum permissible • at 690 V • with combination switch + sG fuse / maximum permissible • with combination switch + sG fuse / maximum permissible • A 17,900 • at 690 V • with combination switch + sG fuse / maximum permissible • A 18,700  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	8
• at 400 V / at 50/60 Hz / rated value • at 500 V / at 50/60 Hz / rated value • at 690 V / at 50/60 Hz / rated value  • at 690 V / at 50/60 Hz / rated value  • to combination switch + fuse • at 400 V / maximum • at 500 V / maximum • at 500 V / maximum • for combination switch + gG fuse / maximum • for combination switch + aM fuse / maximum • for combination switch + fuse • at 400 V / maximum • for combination switch + aM fuse / maximum  A²-s • 178,300 • for combination switch + fuse • 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 + gG fuse / maximum permissible • with combination switch + 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 • with combination switch + aM fuse / maximum permissible • with combination switch + aM fuse / maximum permissible • with combination switch + solution for switch disconnector / without fuse link / rated value / minimum  Conditional 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	Overvoltage class		Ш
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  at 500 V / maximum  at 690 V  for combination switch + gf fuse / maximum  for combination switch + aM fuse / maximum  for combination switch + fuse  at 400 V / maximum  A²-s 178,300  for combination switch + aM fuse / 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  at 690 V  with combination switch + aM fuse / maximum permissible  at 690 V  with combination switch + aM fuse / maximum permissible  At 17,600  at 690 V  with combination switch + gG fuse / maximum permissible  At 18,700  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 100	Operating power / at AC-23 A		
* at 690 V / at 50/60 Hz / rated value    2t value / with closed switch	• at 400 V / at 50/60 Hz / rated value	kW	37
Izt value / with closed switch	• at 500 V / at 50/60 Hz / rated value	kW	55
• 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 178,300  • for combination switch +aM fuse / maximum  A²-s 201,200  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 17,600  • mith combination switch +aM fuse / maximum permissible  A 18,700  Short-time current resistance (lcw) / limited to 1 s / rated value  KA 12  Conditional short-circuit current / with line-side fuse protection  • at 500 V / by gG fuse / rated value  KA 100	• at 690 V / at 50/60 Hz / rated value	kW	75
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 17,600  A 17,600  A 18,700  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	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  A²-s  201,200  Let-through current / with closed switch  for combination switch + fuse  at 400 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  A 17,600  with combination switch +aM fuse / maximum permissible  A 18,700  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	• for combination switch + fuse		
• at 690 V     • for combination switch +gG fuse / maximum     • for combination switch +aM fuse / maximum     A²-s     201,200  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 17,600     • with combination switch +aM fuse / maximum permissible     A 18,700  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	• at 400 V / maximum	A <sup>2</sup> ·s	135,600
• for combination switch +gG fuse / maximum     • for combination switch +aM fuse / maximum     A²-s     201,200  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 17,600     • with combination switch +aM fuse / maximum permissible     A 18,700  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 500 V / maximum	A <sup>2</sup> ·s	135,600
• for combination switch +aM fuse / maximum     A²-s  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  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	• 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  A 17,600  • with combination switch +aM fuse / maximum permissible  A 18,700  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	• for combination switch +gG fuse / maximum	A²·s	178,300
• 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     • With combination switch +aM fuse / maximum permissible     • A 17,600      • With combination switch +aM fuse / maximum permissible     • A 18,700  Short-time current resistance (Icw) / limited to 1 s / rated value      KA 4  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	• for combination switch +aM fuse / maximum	A²·s	201,200
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 17,600  with combination switch +aM fuse / maximum permissible  A 18,700  Short-time current resistance (lcw) / limited to 1 s / rated value  KA 4  Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum  Conditional short-circuit current / with line-side fuse protection  at 500 V / by gG fuse / rated value  kA 100	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 17,600</li> <li>with combination switch +aM fuse / maximum permissible</li> <li>A 18,700</li> <li>Short-time current resistance (lcw) / limited to 1 s / rated value</li> <li>kA 4</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 100</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     * A 17,600      * With combination switch +aM fuse / maximum permissible     * A 18,700  Short-time current resistance (lcw) / limited to 1 s / rated value     * KA 4  Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum  Conditional short-circuit current / with line-side fuse protection     * at 500 V / by gG fuse / rated value  * KA 100	• at 400 V / maximum permissible	Α	17,900
<ul> <li>with combination switch +gG fuse / maximum permissible</li> <li>with combination switch +aM fuse / maximum permissible</li> <li>18,700</li> <li>Short-time current resistance (lcw) / limited to 1 s / rated value</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> </ul>	• at 500 V / maximum permissible	Α	17,900
with combination switch +aM fuse / maximum permissible     A 18,700  Short-time current resistance (lcw) / limited to 1 s / rated value  KA 4  Making capacity short-circuit current (lcm) / for switch disconnector / without fuse link / rated value / minimum  Conditional short-circuit current / with line-side fuse protection  • at 500 V / by gG fuse / rated value  kA 100	• at 690 V		
Short-time current resistance (lcw) / limited to 1 s / rated value	• with combination switch +gG fuse / maximum permissible	Α	17,600
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	• with combination switch +aM fuse / maximum permissible	Α	18,700
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	Short-time current resistance (lcw) / limited to 1 s / rated value	kA	4
• at 500 V / by gG fuse / rated value kA 100		kA	12
	Conditional short-circuit current / with line-side fuse protection		
• at 690 V / by gG fuse / rated value kA 65	• at 500 V / by gG fuse / rated value	kA	100
	• at 690 V / by gG fuse / rated value	kA	65

Active power loss / with conventional rated thermal current / per pole	W	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		flat connector
Type of connectable conductor cross-sections		
• for copper conductor / stranded / with lug		
according to DIN 46234		1x (2.5 95 mm²), 2x (25 50 mm²)
according to DIN 46235		1x (25 70 mm²), 2x (25 50 mm²)
• for copper busbar		1x (20x3 mm²)
Number of connected NC contacts / for auxiliary contacts		0
Number of connected NO contacts / for auxiliary contacts		0
Number of connected changeover contacts / for auxiliary contacts		0
Product extension / auxiliary switch		Yes
Number of NC contacts / for auxiliary contacts		0
Number of NO contacts / for auxiliary contacts		0
Number of changeover contacts / for auxiliary contacts		4
Acceptability for application / switch disconnector		Yes
Acceptability for application		
emergency stop switch		No
main switch		Yes
safety cut-out switch		Yes
maintenance/repair switch		Yes
Design of the operating mechanism		without
Mounting type		Floor mounting and snap-on mounting to 35 mm standard mounting rail
Mounting type / rail mounting		Yes
Mounting type / front mounting with 4-hole attachment		No
Mounting type / front mounting with central attachment		No
Type from device		fixed mounting
mounting position		any
Position / of switch operating mechanism		after the second pole
Design of handle		without
Width	mm	148
Height	mm	168
Depth	mm	68
Protection class IP		IP00
• on the front		IP00

• with closed switch / with cover or cable lug cover		IP20
Ambient temperature		
during operating	°C	-25 +70
during storage	°C	-50 +80
Degree of pollution		3
Mechanical operating cycles as operating time / typical		15,000
Electrical endurance (switching cycles)		
• at AC-23 A / at 690 V / at 50/60 Hz		1,500
• at DC-23 A		
• at 220 V		1,500
• at 440 V		1,500
Design of display		
<ul> <li>for switch position indicator door-coupling rotary operating mechanism</li> </ul>		ON-OFF
Net weight	g	1,000
Reference code / according to DIN EN 61346-2		Q
Item designation / according to DIN EN 81346-2		Q

## Certificates/approvals:

General Produc	ct
Approval	

**Declaration of Conformity** 





## **Further information:**

Information- and Downloadcenter (Catalogs, Brochures,...)

http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

 $\underline{\text{https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3KD2840-0NE20-0}}$ 

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

http://support.automation.siemens.com/WW/view/en/3KD2840-0NE20-0/all

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

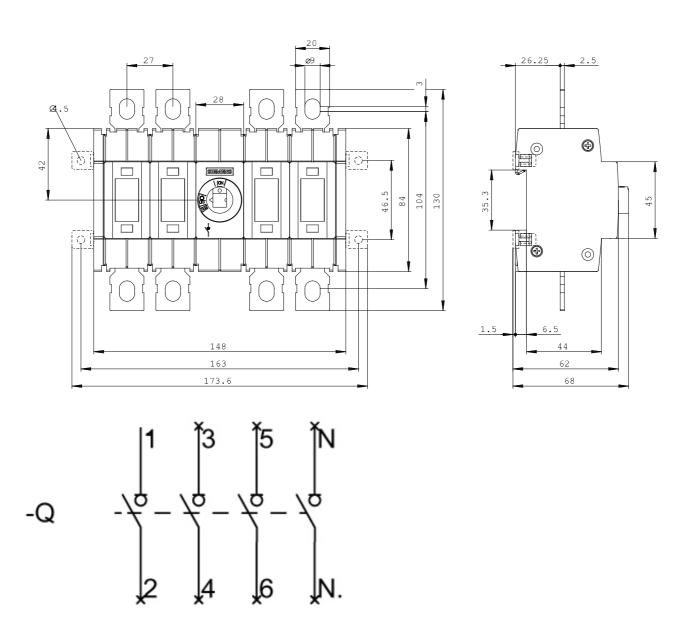
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3KD2840-0NE20-0

**CAx-Online-Generator** 

http://www.siemens.com/cax

**Tender specifications** 

Datanorm GAEB81 GAEB83 RTF TXT



last change: Apr 21, 2014