## **SIEMENS**

Product data sheet 3KD3240-0NE10-0

SWITCH-DISCONNECTOR 125A, FRAME SIZE 2, 4-POLE FRONT OPERATING LEFT BASIC UNIT WITHOUT HANDLE FLAT TERMINAL INCL. PHASE BARRIERS



Similar to image

product brand name	SE	ENTRON
Product designation	Sw	witching device
Design of the product		KD Switch Disconnectors
Size of switch disconnector	2	
Number of poles	4	
Continuous current		
• rated value	A 12	25
• at 40 °C / rated value	A 12	25
• at 45 °C / rated value	A 12	25
• at 50 °C / rated value	A 12	25
• at 55 °C / rated value	A 12	25
• at 60 °C / rated value	A 12	25
• at 65 °C / rated value	A 12	25
• at 70 °C / rated value	A 12	25
• at DC / rated value	A 12	25
Operating current		
• at AC-21 A		
• at 400 V / maximum	A 12	25

* at 600 V / maximum * at 600 V / maximum * at 600 V / maximum * at 600 V / at 50/60 Hz / rated value / maximum A 125 * at 400 V / at 50/60 Hz / rated value / maximum A 125 * at 600 V / at 50/60 Hz / rated value / maximum A 125 * at 600 V / at 50/60 Hz / rated value / maximum A 125 * at 600 V / at 50/60 Hz / rated value / maximum A 125 * at 600 V / at 50/60 Hz / rated value / maximum A 125 * at 600 V / at 50/60 Hz / rated value / maximum A 125 * at 600 V / at 50/60 Hz / rated value / maximum A 125 * at 600 V / at 50/60 Hz / rated value / maximum A 125 * at 600 V / at 50/60 Hz / rated value / maximum A 125 * at 50/60 Hz / rated value A 126 * at 50/60 Hz / rated value A 126 * at 50/60 Hz / rated value A 126 * at 60/60 Hz / rated value A 127 * at 60/60 Hz / rated value A 127 * at 60/60 Hz / rated value A 127 * at 60/60 Hz / rated value A 127 * at 60/60 Hz / rated value A 127 * at 60/60 Hz / rated value A 127 * at 60/60 Hz / rated value A 127 * at 60/60 Hz / rated value A 127 * at 60/60 Hz / rated value A 127 * at 60/60 Hz / rated value A 127 * at 60/60 Hz / rated value A 127 * at 60/60 Hz / rated value A 127 * at 60/60 Hz / rated value A 128 * at 60/60 Hz / rated value A 129 * at			
**al AC-22 A  * at 400 V / at 50/60 Hz / rated value / maximum  **at 500 V / at 50/60 Hz / rated value / maximum  **at 690 V / at 50/60 Hz / rated value / maximum  **at 600 V / at 50/60 Hz / rated value / maximum  **at 40-23 A  **at 40-00 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 / rot C / rated value  **at 50/60 Hz / rot C / rated value  **at 50/60 Hz / rot C / rated value  **portating power / at AC-23 A  **at 400 V / at 50/60 Hz / rated value  **at 400 V / at 50/60 Hz / rated value  **at 400 V / at 50/60 Hz / rated value  **at 400 V / at 50/60 Hz / rated value  **at 50/60 V / at 50/60 Hz / rated value  **at 50/60 V / at 50/60 Hz / rated value  **at 50/60 V / at 50/60 Hz / rated value  **at 50/60 V / at 50/60 Hz / rated value  **at 50/60 V / rated value  **at 60/60 V / rated value  **at 60/6	• at 500 V / maximum	Α	125
* at 400 V / at 50/60 Hz / rated value / maximum	• at 690 V / maximum	Α	125
* at 500 V / at 50/60 Hz / rated value / maximum	• at AC-22 A		
* at 690 V / at 50/60 Hz / rated value / maximum	$\bullet$ at 400 V / at 50/60 Hz / rated value / maximum	Α	125
* 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 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     * at 50/60 Hz / rated value     * v	$\bullet$ at 500 V / at 50/60 Hz / rated value / maximum	Α	125
+ at 400 V / at 50/60 Hz / rated value / maximum	• at 690 V / at 50/60 Hz / rated value / maximum	Α	125
• at 500 V / at 50/60 Hz / rated value / maximum A 125  • at 690 V / at 50/60 Hz / rated value / maximum A 125  Operational voltage • 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  V 440  Insulation voltage / rated value  V 1,000  Impulse voltage resistance / rated value  Overvoltage class  UII  Operating power / at AC-23 A • at 400 V / at 50/60 Hz / rated value • kW 55 • at 600 V / at 50/60 Hz / rated value • kW 75 • at 690 V / at 50/60 Hz / rated value • kW 110  Izt value / with closed switch • for combination switch + fuse • at 400 V / maximum • at 500 V / maximum • at 600 V / maximum • at 600 V / maximum • at 600 V / maximum • for combination switch + spG fuse / maximum • for combination switch + shM fuse / maximum • for combination switch + shM fuse / maximum • for combination switch + shM fuse / maximum • at 600 V / maximum permissible • at 400 V / maximum permissible • at 600 V / aximum permissible • with combination switch + sqM fuse / maximum permissible • with combination switch + sqM fuse / maximum permissible • at 600 V / aximum permissible • at 600 V / aximum permissible • with combination switch + sqM fuse / maximum permissible • with combination switch sqM fuse / maximum permissible • with combination switch sqM fuse / maximum permissible • with combination switch sqM fuse / maximum permissible • with combination switch sqM fuse / maximum permissible • with combination switch sqM fuse / maximum permissible • with combination switch sqM fuse / maximum permissible • with combination switch sqM fuse / maximum permissible • with combination switch sqM fuse / maximum permissible • with combination switch sqM fuse / maximum permissible • with combinat	• at AC-23 A		
- at 690 V / at 50/60 Hz / rated value / maximum  - 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  - 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 resistance / rated value   Impulse voltage resistance / rated value   Impulse voltage rated value   V	$\bullet$ at 400 V / at 50/60 Hz / rated value / maximum	Α	125
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  Impulse voltage resistance / rated value  kW 8  Overvoltage class  III  Operating power / at AC-23 A  • at 400 V / at 50/60 Hz / rated value  kW 55  • at 690 V / at 50/60 Hz / rated value  kW 75  • at 690 V / at 50/60 Hz / rated value  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 +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 +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 690 V / maximum permissible  • at 690 V / maximum permissible  • at 690 V / maximum p	$\bullet$ at 500 V / at 50/60 Hz / rated value / maximum	Α	125
* at 50/60 Hz / for AC / rated value	$\bullet$ at 690 V / at 50/60 Hz / rated value / maximum	Α	125
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 • kW 55  • at 500 V / at 50/60 Hz / rated value • kW 75  • at 690 V / at 50/60 Hz / rated value • for combination switch + fuse • at 400 V / maximum • at 500 V / maximum • at 500 V / maximum • at 500 V / maximum • for combination switch +gG fuse / maximum • for combination switch +gG fuse / maximum • for combination switch + suse • at 400 V / maximum permissible • at 500 V / sushimum permissible • at 500 V / sushimum permissible • at 690 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 / function 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 50/60 Hz / for AC / rated value	V	690
Impulse voltage resistance / rated value  Overvoltage class  Uiii  Operating power / at AC-23 A  • at 400 V / at 50/60 Hz / rated value • at 500 V / at 50/60 Hz / rated value • at 690 V / at 50/60 Hz / rated value • at 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 +tuse • at 400 V / maximum switch +gG fuse / maximum • for combination switch +tuse • 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 • 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 +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 +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 combin	• 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 +fuse - at 400 V / maximum - for combination switch +aff tuse / maximum - for combination switch +gG fuse / maximum - for combination switch +gG fuse / maximum - for combination switch +fuse - 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 - 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 +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 / 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 • 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 + aM fuse / maximum • for combination switch + sus • at 400 V / maximum • for combination switch + sus • at 400 V / maximum • for combination switch + sus • 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 • at 500 V / maximum permissible • with combination switch + aM fuse / maximum permissible • with combination switch + aM fuse / maximum permissible • with combination switch + sus / maximum permissible • with combination switch + sus / maximum permissible • with combination switch + sus / maximum permissible • with combination switch + sus / maximum permissible • with combination switch + sus / maximum permissible • with combination switch + sus / maximum permissible • with combination switch + sus / maximum permissible • with combination switch + sus / maximum permissible • with combination switch + sus / maximum permissible • with combination switch + sus / su	Impulse voltage resistance / rated value	kV	8
• at 400 V / at 50/60 Hz / rated value	Overvoltage class		Ш
• at 500 V / at 50/60 Hz / rated value  • at 690 V / at 50/60 Hz / rated value    New   Ne	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	55
12t value / with closed switch	• at 500 V / at 50/60 Hz / rated value	kW	75
• 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  • 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 / at 50/60 Hz / rated value	kW	110
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  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  At 17,600  At 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  for combination switch +gG fuse / maximum  for combination switch +aM 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 +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) / Ilmited 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	• 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 17,800     • 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	A²-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  A²-s  178,300  A²-s  201,200  A  17,900  A  17,900  A  17,600  A  18,700  KA  4  12	• at 500 V / maximum	A²-s	135,600
• 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     • 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 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
<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>A 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>	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 (Icw) / limited to 1 s / rated value</li> <li>Making capacity short-circuit current (Icm) / 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
<ul> <li>with combination switch +aM fuse / maximum permissible</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> <li>kA</li> <li>12</li> <li>MA</li>     &lt;</ul>	• 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	4.5
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		at the left end
Design of handle		without
Width	mm	148
Height	mm	168
Depth	mm	68
Protection class IP		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		1,000
• 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	1,000
Reference code / according to DIN EN 61346-2		Q
Item designation / according to DIN EN 81346-2		Q

## Certificates/approvals:

General P	roduct
Approval	

**Declaration of Conformity** 





## **Further information:**

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

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

Industry Mall (Online ordering system)

 $\underline{\text{https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3KD3240-0NE10-0}}$ 

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

http://support.automation.siemens.com/WW/view/en/3KD3240-0NE10-0/all

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

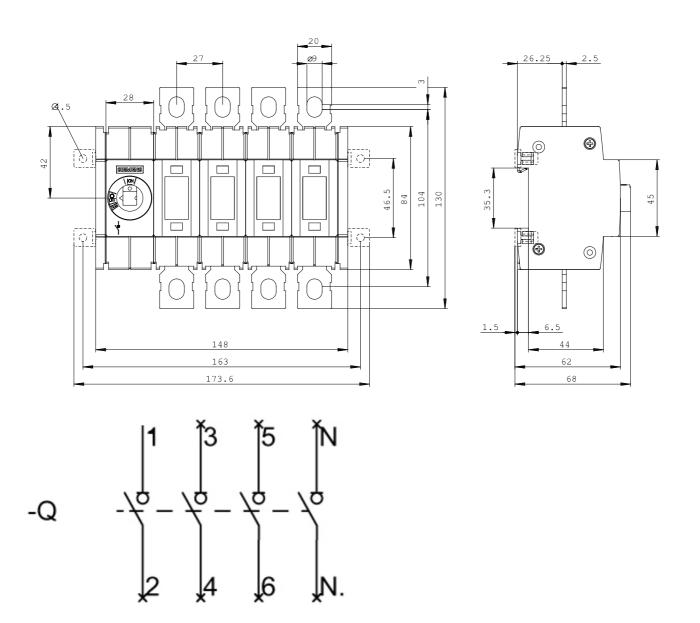
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3KD3240-0NE10-0

**CAx-Online-Generator** 

http://www.siemens.com/cax

**Tender specifications** 

Datanorm GAEB81 GAEB83 RTF TXT



last change: Apr 21, 2014