SIEMENS

Data sheet 3KD4060-0PE20-0

Switch disconnector 315 A, Size 3, 6-pole DC Front operating mechanism center Basic unit without handle flat terminal $\,$



product brand name product designation 3KD switch disconnector design of the product DC switch D	Model	
product designation 3KD switch disconnector design of the product DC switch position indicator door-coupling rotary operating mechanism design of the actuating element Without handle Type of the driving mechanism Front operating mechanism Front operating mechanism Itype of the driving mechanism Front operating mechanism Front operating mechanism Type of the driving mechanism motor drive No Coneral technical data	product brand name	SENTRON
design of the product display version for switch position indicator door-coupling rotary operating mechanism design of the actuating element type of the driving mechanism Front operating mechanism No General technical data number of poles General technical General		3KD switch disconnector
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with degree of pollution 2 at DC rated value with degree of pollution 3 at DC rated value 1200 V / 6 insulation voltage with degree of pollution 2 at DC rated value 1 250 V with degree of pollution 3 at DC rated value 1 250 V with degree of pollution 3 at DC rated value 1 250 V surge voltage resistance rated value Protection class protection class IP with closed switch with cover or cable lug cover with closed switch with cover or cable lug cover on the front Dissipation power loss [W] with conventional rated thermal current per pole with conventional rated thermal current per device for rated value of the current at AC in hot operating state per pole Main circuit operational current rated value 1200 V / 6 1200 V /	Voltage	
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power loss [W] • with conventional rated thermal current per pole • with conventional rated thermal current per device • for rated value of the current at AC in hot operating state per pole Main circuit operational current rated value 315 A	• on the front	IP00
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with conventional rated thermal current per device for rated value of the current at AC in hot operating state per pole Main circuit operational current rated value 315 A	power loss [W]	
for rated value of the current at AC in hot operating state per pole Main circuit operational current rated value 315 A	 with conventional rated thermal current per pole 	10 W
per pole Main circuit operational current rated value 315 A	 with conventional rated thermal current per device 	60 W
operational current rated value 315 A		10 W
The state of the s	Main circuit	
Auxiliary circuit	operational current rated value	315 A
	Auxiliary circuit	

number of connected NC contacts for auxiliary contacts	0	
number of connected NO contacts for auxiliary contacts	0	
number of connected CO contacts for auxiliary contacts	0	
number of CO contacts for auxiliary contacts	0	
number of NC contacts for auxiliary contacts	6	
number of NO contacts for auxiliary contacts	6	
Suitability		
suitability for use main switch	Yes	
suitability for use switch disconnector	Yes	
suitability for use EMERGENCY OFF switch	Yes	
suitability for use safety switch	Yes	
suitability for use maintenance/repair switch	Yes	
Product details		
product feature interlock	No	
product component		
• trip indicator	No	
 voltage trigger 	No	
undervoltage release	No	
undervoltage release with leading contact	No	
product extension auxiliary switch	Yes	
product extension optional		
motor drive	No	
voltage trigger	No	
Short circuit		
short-circuit current making capacity (lcm) for switch		
disconnector		
 at DC at 1200 V without fuse link rated value minimum 	14.2 kA	
Connections		
type of connectable conductor cross-sections for aluminum		
conductor		
stranded with lug	1x (25 240 mm²), 2x (25 120 mm²)	
type of connectable conductor cross-sections		
 with combination of Al conductor+switch 	315 A / 240 mm²	
for copper busbar	'1 x (30 x 10 mm²)	
type of connectable conductor cross-sections for copper conductor		
 stranded with lug according to DIN 46234 	1x (6 240 mm²), 2x (6 150 mm²)	
stranded with lug according to DIN 46235	1x (16 185 mm²), 2x (16150 mm²)	
type of electrical connection for main current circuit	flat connector	
Mechanical Design		
height	164 mm	
width	322 mm	
depth	94 mm	
fastening method	screw fixing	
fastening method		
 4-hole front mounting 	No	
 front mounting with central attachment 	No	
rail mounting	No	
mounting position	any	
net weight	4 840 g	
Environmental conditions		
ambient temperature during operation		
• minimum	-25 °C	
• maximum	70 °C	
ambient temperature during storage		
• minimum	-50 °C	
maximum	80 °C	
Certificates		
	Q	
reference code according to IEC 81346-2	Q	
	Q	Test Certificates







Miscellaneous



Type Test Certificates/Test Report

Marine / Shipping

other

Environment





Miscellaneous

Confirmation

Environmental Con**firmations**

Environmental Confirmations

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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

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

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3KD4060-0PE20-0

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

https://support.industry.siemens.com/cs/ww/en/ps/3KD4060-0PE20-0

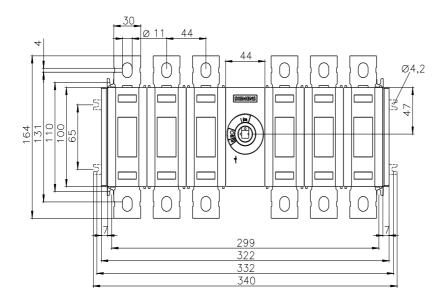
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KD4060-0PE20-0

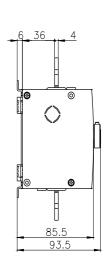
CAx-Online-Generator

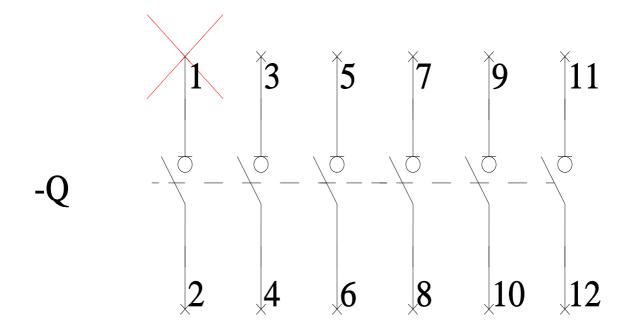
http://www.siemens.com/cax

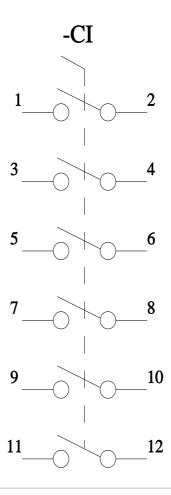
Tender specifications

http://www.siemens.com/specifications









last modified: 4/3/2025 🖸