



Switch disconnecter 63A, size 01, 3-pole Front operating mechanism center Basic unit without handle Box terminal

Model	
product brand name	SENTRON
product designation	3KD switch disconnecter
design of the product	Switch
display version / for switch position indicator door-coupling rotary operating mechanism	ON-OFF
design of the actuating element	Without handle
type of the driving mechanism	Front operating mechanism
type of the driving mechanism / motor drive	No
General technical data	
number of poles	3
type of device	fixed mounting
size of switch disconnecter	'01
mechanical service life (switching cycles) / typical	100 000
electrical endurance (switching cycles)	
• at AC-23 A / at 690 V	6 000
I ² t value	
• of the fuse / at 400 V / maximum permissible	24 000 A ² ·s
position / of the switch operating mechanism	central
overvoltage in percent / relative to the operating voltage / at AC / at 400, 500, 690 V / at 50/60 Hz	5 %
overvoltage category	III
degree of pollution	3
Voltage	
insulation voltage	
• rated value	750 V
surge voltage resistance / rated value	8 kV
Protection class	
protection class IP	IP10
protection class IP	
• with closed switch / with cover or cable lug cover	IP10
• on the front	IP40
Dissipation	
power loss [W]	
• with conventional rated thermal current / per pole	4.5 W
• with conventional rated thermal current / per device	4.5 W
• for rated value of the current / at AC / in hot operating state / per pole	4.5 W
Current	
operational current	

• at 35 °C / rated value • at 40 °C / rated value • at AC / rated value • at AC-23 A / at 400 V / rated value • at AC-22 A / at 400 V / rated value	63 A 63 A 63 A 63 A 63 A
continuous current / of upstream fuse / at 500 V and 690 V / rated value	63 A
let-through current / of the fuse / at 400 V / maximum permissible	7 000 A
Main circuit	
operational current / rated value	63 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	2
number of NO contacts / for auxiliary contacts	2
Suitability	
suitability for use	
• main switch • switch disconnecter • EMERGENCY OFF switch • safety switch • maintenance/repair switch	Yes Yes Yes Yes Yes
Product details	
product feature / interlock	Yes
product component	
• trip indicator • voltage trigger • undervoltage release • undervoltage release with leading contact	No No No No
product extension / auxiliary switch	Yes
product extension / optional	
• motor drive • voltage trigger	No No
Short circuit	
short-circuit current making capacity (I _{cm}) / for switch disconnecter	
• without fuse link / rated value / minimum	1.78 kA
Connections	
type of connectable conductor cross-sections / for copper conductor	
• solid • finely stranded / with core end processing • stranded	1 x (2,5 ... 35) mm ² 1 x (2,5 ... 16) mm ² 1 x (2,5 ... 5) mm ²
type of electrical connection / for main current circuit	box terminal
Mechanical Design	
height	100 mm
width	63 mm
depth	73 mm
fastening method	Screw fixing and standard rail mounting 35 mm
fastening method	
• 4-hole front mounting • front mounting with central attachment • rail mounting	No No Yes
mounting position	any
net weight	280 g
Environmental conditions	
ambient temperature / during operation	

• minimum • maximum	-5 °C	
	40 °C	
ambient temperature / during storage		
• minimum • maximum	-25 °C	
	55 °C	
General Product Approval	Declaration of Conformity	other



[Miscellaneous](#)



[UK Declaration of Conformity](#)

[Miscellaneous](#)

Further information

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=3KD0330-2KG20-3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KD0330-2KG20-3>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KD0330-2KG20-3

CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://www.siemens.com/specifications>



