SIEMENS

Data sheet 3KD0333-2KG20-3



Switch disconnector 63A, size 01, 3-pole Front operating mechanism center Complete unit with direct operating mechanism red/yellow Box terminal

Model	
product brand name	SENTRON
product designation	3KD switch disconnector
design of the product	Switch
display version for switch position indicator manual operation	O-I
design of the actuating element	Short rotary knob
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 disconnector	'01
mechanical service life (operating cycles) typical	100 000
electrical endurance (operating cycles)	
• at AC-23 A at 690 V	6 000
I2t value	
 of the fuse at 400 V maximum permissible 	24 000 A²·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
/oltage	
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
Main circuit	
operational current rated value	63 A
Auxiliary circuit	

General Product Approval	Declaration of Conformity
pprovals Certificates	
reference code according to IEC 81346-2	Q
ertificates	
• maximum	-23 °C
ambient temperature during storage • minimum	-25 °C
maximum ambient temperature during storage	40 0
• minimum	-5 °C 40 °C
ambient temperature during operation	5.90
nvironmental conditions	
net weight	295 g
mounting position	any
• rail mounting	Yes
 front mounting with central attachment 	No
4-hole front mounting	No
fastening method	
fastening method	Screw fixing and standard rail mounting 35 mm
depth	92 mm
width	63 mm
height	100 mm
echanical Design	
type of electrical connection for main current circuit	box terminal
• stranded	1 x (2,5 5) mm ²
finely stranded with core end processing	1 x (2,5 16) mm ²
• solid	1 x (2,5 35) mm ²
type of connectable conductor cross-sections for copper conductor	
onnections	
without fuse link rated value minimum	1.78 kA
disconnector	
short-circuit current making capacity (Icm) for switch	
hort circuit	
 voltage trigger 	No
 motor drive 	No
product extension optional	
product extension auxiliary switch	Yes
 undervoltage release with leading contact 	No
undervoltage release	No
voltage trigger	No
• trip indicator	No
product component	
Product details	
maintenance/repair switch	Yes
• safety switch	Yes
EMERGENCY OFF switch	Yes
switch disconnector	Yes
main switch	Yes
suitability for use	
uitability	2
number of NO contacts for auxiliary contacts	2
number of CO contacts for auxiliary contacts number of NC contacts for auxiliary contacts	2
number of connected CO contacts for auxiliary contacts	0 0
number of connected NO contacts for auxiliary contacts	0
number of connected NC contacts for auxiliary contacts	0

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3KD0333-2KG20-3

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

https://support.industry.siemens.com/cs/ww/en/ps/3KD0333-2KG20-3

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

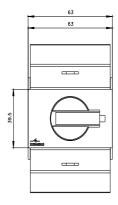
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KD0333-2KG20-3

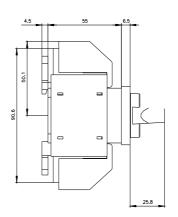
CAx-Online-Generator

http://www.siemens.com/cax

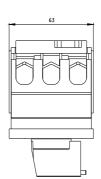
Tender specifications

http://www.siemens.com/specifications









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