

Switch disconnecter 63A, size 01, 3-pole Front operating mechanism center Complete unit with direct operating mechanism gray Box terminal



Model	
product brand name	SETRON
product designation	3KD switch disconnecter
design of the product	Switch
display version / for switch position indicator manual operation	O-I
design of the operating mechanism	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 disconnecter	01
mechanical service life (switching cycles) / typical	100 000
electrical endurance (switching cycles) <ul style="list-style-type: none"> • at AC-23 A / at 690 V 	6 000
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
Supply voltage	
operating current / at AC / rated value	63 A
operating voltage	
• at AC / at 50/60 Hz / rated value	415 V
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	
• operating current / at AC-23 A / at 400 V / rated value	63 A
• operating current / at AC-22 A / at 400 V / rated value	63 A
• operating current / at AC-21 A / at 400 V / rated value	63 A
• operating current / at AC-22 A / at 400 V / at 50/60 Hz / rated value / maximum	63 A
• operating current / at AC-23 A / at 400 V / at 50/60 Hz / rated value / maximum	63 A
continuous current	
• rated value	63 A
continuous current / of upstream fuse / at 500 V and 690 V / rated value	63 A
Main circuit	
operating power	

• at AC-23 A / at 400 V / at 50/60 Hz / rated value	30 kW
operating 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	Yes
• switch disconnecter	Yes
• EMERGENCY OFF switch	No
• safety switch	Yes
• maintenance/repair switch	Yes
Product details	
product feature / interlock	Yes
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 (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	1 x (2,5 ... 35) mm ²
• finely stranded / with core end processing	1 x (2,5 ... 16) mm ²
• stranded	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	92 mm
mounting type	Screw fixing and standard rail mounting 35 mm
mounting type	
<ul style="list-style-type: none"> • front mounting with 4-hole attachment 	No
<ul style="list-style-type: none"> • front mounting with central attachment 	No
<ul style="list-style-type: none"> • rail mounting 	Yes
mounting position	any
net weight	295 g

Environmental conditions

ambient temperature / during operation	
<ul style="list-style-type: none"> • minimum 	-5 °C
<ul style="list-style-type: none"> • maximum 	40 °C
ambient temperature / during storage	
<ul style="list-style-type: none"> • minimum 	-25 °C
<ul style="list-style-type: none"> • maximum 	55 °C

Certificates

reference code	
<ul style="list-style-type: none"> • acc. to DIN EN 61346-2 	Q
<ul style="list-style-type: none"> • acc. to DIN EN 81346-2 	Q

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=3KD0332-2KG20-3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KD0332-2KG20-3>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KD0332-2KG20-3

CAX-Online-Generator

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

Tender specifications

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



