SIEMENS

Data sheet



SINOVA, onload changeover switches 3KJ1, manually operated, size 1, 4-pole, in open execution, Iu: 100 A, Ue AC: 415 V, le at AC-22 A at 415 V: 100 A, screw mounting, front operating mechanism, at the left end, complete unit with door operating mechanism, Plastic handle, grey and black colour, flat terminal

Model	
product brand name	SINOVA
product designation	3KJ1 On-load changeover switches
design of the product	manually operated
display version for switch position indicator door-coupling rotary operating mechanism	I ON- O OFF- II ON
design of the actuating element	Door-coupling rotary operating mechanism
design of handle	with
type of the driving mechanism	Front operating mechanism
type of the driving mechanism motor drive	No
number of poles	4
size of switch disconnector	1
mechanical service life (operating cycles) for function sequence O-I-O typical	15 000
I2t value	
 of the fuse at 415 V maximum permissible 	90 000 A²·s
with closed switch for combination switch + fuse at 415 V maximum	90 000 A²·s
position of the switch operating mechanism	at the left end
overvoltage category	III
degree of pollution	3
insulation voltage rated value	1 000 V
operational current at AC rated value	100 A
protection class IP	IP00
protection class IP	
 with closed switch with cover or cable lug cover 	IP00
• on the front	IP00
power loss [W] with conventional rated thermal current	
• per pole	3.5 W
• per device	14 W
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 for use	
main switch	Yes
switch disconnector	Yes
EMERGENCY OFF switch	Yes
• safety switch	Yes

maintenance/repair switch	Yes
product feature interlock	No
product extension auxiliary switch	Yes
product extension optional	
 motor drive 	No
voltage trigger	No
conditional short-circuit current with line-side fuse protection at 415 V by gG fuse rated value	80 kA
type of connectable conductor cross-sections	
 with combination of Al conductor+switch 	35
type of connectable conductor cross-sections for copper conductor	
 stranded with lug according to DIN 46234 	35
 stranded with lug according to DIN 46235 	35
type of electrical connection for main current circuit	flat terminal
height	116 mm
width	142.5 mm
depth	145 mm
type of device	fixed mounting
fastening method	Screw fixing
fastening method	
 4-hole front mounting 	No
 front mounting with central attachment 	No
rail mounting	No
mounting position	Wall, Horizontal
net weight	1 920 g
ambient temperature during operation	
• minimum	-5 °C
• maximum	40 °C
ambient temperature during storage	
• minimum	-10 °C
• maximum	70 °C
Approvals Certificates	

Type Test Certificates/Test Report

Test Certificates

Further information

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)

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

https://support.industry.siemens.com/cs/ww/en/ps/3KJ1130-4AA20-0AA0

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

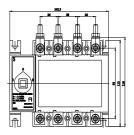
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KJ1130-4AA20-0AA0

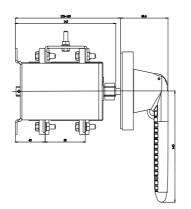
CAx-Online-Generator

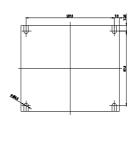
http://www.siemens.com/cax

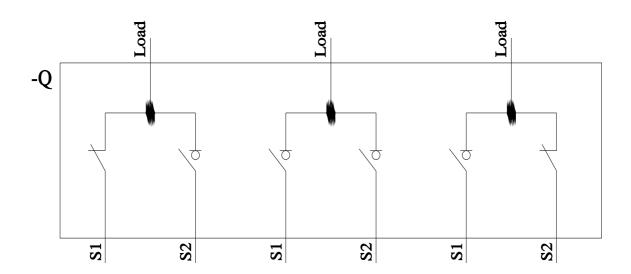
Tender specifications

http://www.siemens.com/specifications









last modified: 5/3/2022 🖸

