3KC0430-2NE00-0AA0

Data sheet

SENTRON, 3KC transfer switching equipment, manually operated, MTSE, size: 2, 4-pole, Iu: 100 A, Ue AC: 415 V, le at AC-33 B at 415 V: 100 A, le at AC-23 A at 690 V: 100 A, screw and standard mounting rail installation 35 mm, front operating mechanism, centered, without handle, box terminal



Model	
product brand name	SENTRON
product designation	3KC transfer switching equipment
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	Without handle
design of handle	without
type of the driving mechanism	Front operating mechanism
type of the driving mechanism motor drive	No
General technical data	
number of poles	4
type of device	fixed mounting
size of switch disconnector	2
mechanical service life (operating cycles) for function sequence O-I-O typical	15 000
l2t value	
 with closed switch for combination switch + fuse at 500 V maximum 	135 600 A ² ·s
 with closed switch at 690 V for combination switch + gG fuse maximum 	178 300 A ² ·s
 with closed switch at 690 V for combination switch + aM fuse maximum 	201 200 A²·s
 of the fuse at 415 V maximum permissible 	223 005 A²-s
 of the fuse at 500 V maximum permissible 	223 005 A²-s
 of the gG fuse at 690 V maximum permissible 	226 005 A ² ·s
 of the aM fuse at 690 V maximum permissible 	235 000 A²-s
 with closed switch for combination switch + fuse at 415 V maximum 	135 600 A²-s
position of the switch operating mechanism	in center
overvoltage category	III
degree of pollution	3
insulation voltage	
• rated value	1 000 V
Protection class	
protection class IP	IP20
protection class IP	
 with closed switch with cover or cable lug cover 	IP20
• on the front	IP20
Dissipation	
power loss [W]	
 with conventional rated thermal current per device 	12 W

Main circuit	
operating power	
at AC-23 A at 400 V at 50/60 Hz rated value	55 kW
at AC-23 A at 500 V rated value	55 kW
operational current rated value	100 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	8
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
suitability for use	
main switch	Yes
switch disconnector	Yes
EMERGENCY OFF switch	Yes
safety switch	Yes
maintenance/repair switch	Yes
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 415 V AC without fuse link according to IEC 60947-6-1 rated value minimum	17 kA
at 690 V AC without fuse link according to IEC 60947-3 rated value minimum	12 kA
conditional short-circuit current with line-side fuse protection	
at 415 V by gG fuse according to IEC 60947-6-1 rated	100 kA
value	
 at 415 V by gG fuse rated value 	100 kA
 at 500 V by gG fuse according to IEC 60947-3 rated value 	100 kA
 at 690 V by gG fuse according to IEC 60947-3 rated value 	65 kA
Connections	
type of connectable conductor cross-sections with flexible busbar	3x (0.8x14 mm²)
type of connectable conductor cross-sections	
for copper busbar type of connectable conductor cross-sections for copper	1x (3x14 mm²)
conductor	
• solid	1x (2.5 16 mm²)
finely stranded with core end processing	1x (2.5 70 mm²)
• stranded	1x (10 70 mm²)
type of electrical connection	
for main current circuit	box terminal
Mechanical Design	400
height	126 mm
width	309.6 mm
depth	84.5 mm
fastening method	Screw fixing and standard rail mounting 35 mm
fastening method	No
4-hole front mounting front mounting with central attachment	No No
 front mounting with central attachment rail mounting 	Yes
mounting position	any
net weight	2 650 g
Environmental conditions	
ambient temperature during operation	
minimum	-25 °C
·	

maximum
 ambient temperature during storage
 minimum
 -50 °C

• maximum 80 °C

General Product Approval

Declaration of Conformity



Confirmation



Miscellaneous





formity

Declaration of Conformity

Marine / Shipping

other

Environment







<u>Confirmation</u> <u>Miscellaneous</u>

Environmental Confirmations

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=3KC0430-2NE00-0AA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3KC0430-2NE00-0AA0

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

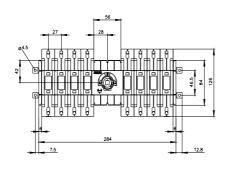
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KC0430-2NE00-0AA0

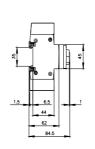
CAx-Online-Generator

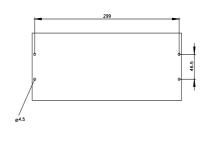
http://www.siemens.com/cax

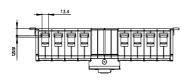
Tender specifications

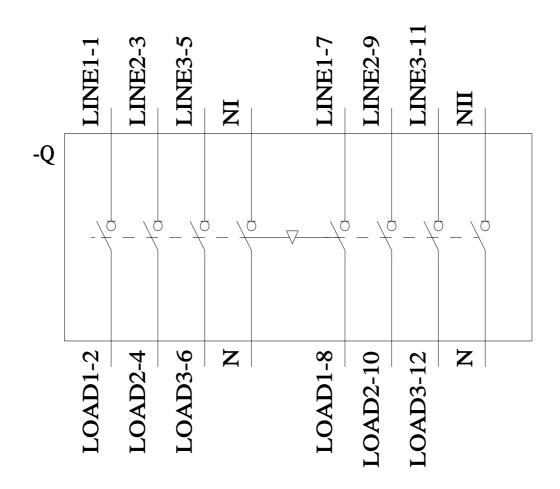
http://www.siemens.com/specifications











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