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Data sheet 3KC0334-2NE00-0AA0

SENTRON, 3KC transfer switching equipment, manually operated, MTSE, size: 2, 3-pole, Iu: 160 A, Ue AC: 415 V, Ie at AC-33 B at 415 V: 160 A, Ie at AC-23 A at 690 V: 125 A, screw and standard mounting rail installation 35 mm, Front operating mechanism, centered, without handle, box terminal



Model	
product brand name	SENTRON
product designation	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	3
type of device	fixed mounting
size of switch disconnector	2
mechanical service life (operating cycles) for function sequence O-I-O typical	15 000
I2t value	
● with closed switch for combination switch + fuse at 500 V maximum	135 600 A²·s
● with closed switch at 690 V for combination switch + gG fuse maximum	178 300 A²·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 A²·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]	

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● with conventional rated thermal current per device	21 W
Main circuit	
operating power	
● at AC-23 A at 400 V at 50/60 Hz rated value	90 kW
● at AC-23 A at 500 V rated value	110 kW
operational current rated value	160 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
suitability for use switch disconnector	Yes
suitability for use EMERGENCY OFF switch	Yes
suitability for use maintenance/repair switch	Yes
product feature interlock	No
product extension auxiliary switch	Yes
product extension optional motor drive	No
product extension optional voltage trigger	No
Short circuit	
short-circuit current making capacity (Icm) 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 value	100 kA
● 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	1x (3x14 mm²)
type of connectable conductor cross-sections for copper 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	
height	126 mm
width	255.6 mm
depth	84.5 mm
fastening method	Screw fixing and standard rail mounting 35 mm
fastening method	
● 4-hole front mounting	No
● front mounting with central attachment	No
● rail mounting	Yes
mounting position	any
Net Weight	2.231 kg
Environmental conditions	

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ambient temperature during operation	
● minimum	-25 °C
● maximum	70 °C
ambient temperature during storage	
● minimum	-50 °C
● maximum	80 °C

Approvals Certificates

Environment		General Product Approval			
Environmental Confirmations	Environmental Confirmations			Miscellaneous	

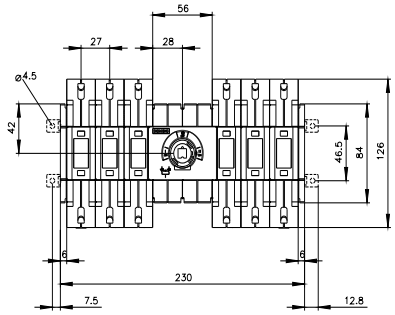
General Product Approval			Test Certificates	Maritime application	
Confirmation			Type Test Certificates/Test Report		

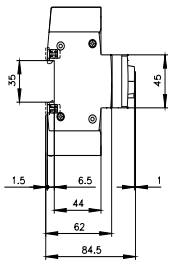
other	
Confirmation	

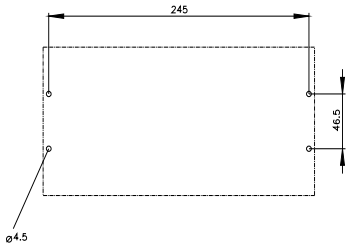
Further information

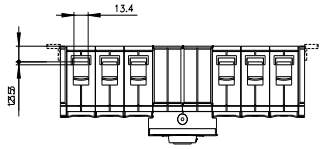
Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/lowvoltage/catalogs
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3KC0334-2NE00-0AA0
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3KC0334-2NE00-0AA0
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KC0334-2NE00-0AA0
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
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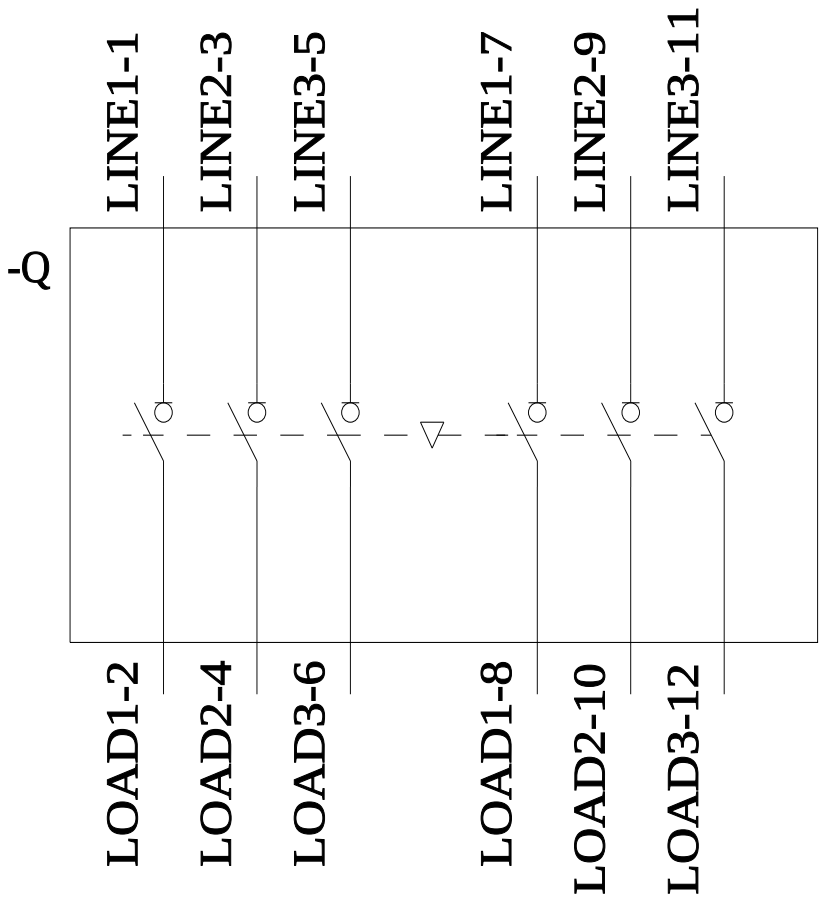
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