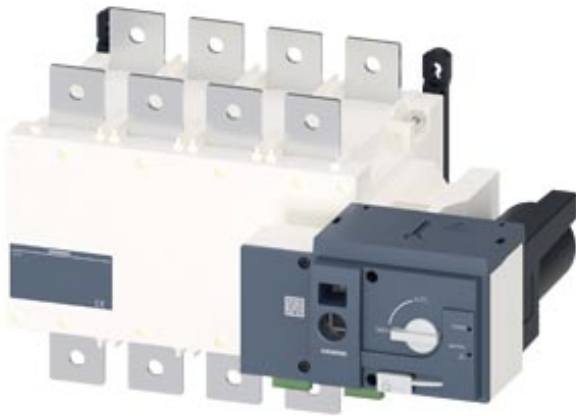


SENTRON, transfer switching equipment 3KC, remotely operated, RTSE, 4-pole, Iu: 630 A, Ue AC: 415 V, Ie at AC-33 B at 415 V: 400 A, Ie at AC-23 A at 690 V: 400 A, screw mounting, motorized operating mechanism, at the right end, long handle, busbar connection



Model	
Product brand name	SENTRON
Product designation	3KC transfer switching equipment
Design of the product	remote-controlled
Type of the driving mechanism / motor drive	Yes
Number of poles	4
Type of device	fixed mounting
Pulse duration / minimum	0.06 s
Mechanical service life (switching cycles) / for function sequence O-I-O / typical	4 000
Position / of the switch operating mechanism	at the right end
Insulation voltage	
• rated value	1 000 V
• with degree of pollution 3 / at DC / rated value	1 000 V
Overvoltage in percent / relative to the operating voltage / at AC	5 %
Operating current / at AC / rated value	630 A
Operating voltage	
• at AC / at 50/60 Hz / rated value	415 V

Protection class	
Protection class IP	IP00
Protection class IP	IP20
<ul style="list-style-type: none"> • with closed switch / with cover or cable lug cover • on the front 	IP00

Dissipation	
Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	32.4 W
Operating current / at AC / at 230 V / Rated value	0.65 A
Continuous current / rated value	630 A

Main circuit	
Operating power	400 kW
<ul style="list-style-type: none"> • at AC-23 A / at 690 V / at 50/60 Hz / rated value 	
Operating current / rated value	630 A

Auxiliary circuit	
Number of connected NC contacts / for auxiliary contacts	0
Number of connected NO contacts / for auxiliary contacts	3
Number of connected CO contacts / for auxiliary contacts	0
Number of CO contacts / for auxiliary contacts	4
Number of NC contacts / for auxiliary contacts	0
Number of NO contacts / for auxiliary contacts	0
Product feature / interlock	Yes

Short circuit	
Short-circuit current making capacity (I _{cm}) / for switch disconnecter	25.2 kA
<ul style="list-style-type: none"> • at AC 415 V / without fuse link / acc. to IEC 60947-6-1 / rated value / minimum 	
Number of digital inputs	5
Relay design	1 relay: 1NO, 2A 250 VAC or 2A 24 VDC.
Design of the switching input	Connected with control terminal
Input delay time	0.046 s

Connections	
Type of electrical connection	busbar connection
<ul style="list-style-type: none"> • for main current circuit 	

Mechanical Design	
Height	260 mm
Width	437 mm

Depth	368.5 mm
Mounting type	screw fixing
Mounting type	
<ul style="list-style-type: none"> • front mounting with 4-hole attachment • front mounting with central attachment • rail mounting 	<p>No</p> <p>No</p> <p>No</p>
Net weight	14 000 g

Environmental conditions

Ambient temperature / during operation	
<ul style="list-style-type: none"> • minimum • maximum 	<p>-20 °C</p> <p>70 °C</p>
Ambient temperature / during storage	
<ul style="list-style-type: none"> • minimum • maximum 	<p>-40 °C</p> <p>70 °C</p>

Certificates

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

General Product Approval

Declaration of Conformity



CCC

[Miscellaneous](#)



EG-Konf.

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=3KC4446-0EA21-0AA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KC4446-0EA21-0AA3>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KC4446-0EA21-0AA3

CAX-Online-Generator

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

Tender specifications

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

