

SETRON, transfer switching equipment 3KC, remotely operated, RTSE, 3-pole, I_n: 800 A, U_e AC: 415 V, I_e at AC-33 B at 415 V: 800 A, I_e at AC-23 A at 690 V: 630 A, screw mounting, motorized operating mechanism, at the right end, long handle, busbar connection

Model	
product brand name	SETRON
product designation	3KC transfer switching equipment
design of the product	remote-controlled
display version for switch position indicator manual operation	I - O - II
design of the actuating element	Long rotary knob
design of handle	Handle
type of the driving mechanism	motorized operating mechanism
type of the driving mechanism motor drive	Yes
General technical data	
number of poles	3
type of device	fixed mounting
mechanical service life (operating cycles) for function sequence O-I-O typical	2 500
I ² t value	
<ul style="list-style-type: none"> with closed switch at 690 V for combination switch + gG fuse maximum 	5 043 000 A ² ·s
<ul style="list-style-type: none"> of the fuse at 415 V maximum permissible 	6 000 000 A ² ·s
<ul style="list-style-type: none"> of the gG fuse at 690 V maximum permissible 	9 000 000 A ² ·s
position of the switch operating mechanism	at the right end
overvoltage category	IV
degree of pollution	3
insulation voltage	
<ul style="list-style-type: none"> rated value 	1 000 V
<ul style="list-style-type: none"> with degree of pollution 3 at DC rated value 	1 000 V
Supply voltage	
supply voltage at AC	
<ul style="list-style-type: none"> minimum 	166 V
<ul style="list-style-type: none"> maximum 	332 V
Protection class	
protection class IP	IP00
protection class IP	
<ul style="list-style-type: none"> with closed switch with cover or cable lug cover 	IP20
<ul style="list-style-type: none"> on the front 	IP00
Dissipation	
power loss [W]	
<ul style="list-style-type: none"> with conventional rated thermal current per device 	125.1 W
Main circuit	
operating frequency rated value	
<ul style="list-style-type: none"> minimum 	45 Hz

<ul style="list-style-type: none"> • maximum 	65 Hz
operational current rated value	800 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
suitability for use	
<ul style="list-style-type: none"> • main switch 	Yes
<ul style="list-style-type: none"> • switch disconnecter 	Yes
<ul style="list-style-type: none"> • EMERGENCY OFF switch 	No
<ul style="list-style-type: none"> • safety switch 	No
<ul style="list-style-type: none"> • maintenance/repair switch 	Yes
product extension auxiliary switch	Yes
product extension optional	
<ul style="list-style-type: none"> • motor drive 	No
<ul style="list-style-type: none"> • voltage trigger 	No
Short circuit	
short-circuit current making capacity (I _{cm}) for switch disconnecter	
<ul style="list-style-type: none"> • at 415 V AC without fuse link according to IEC 60947-3 rated value minimum 	73.5 kA
<ul style="list-style-type: none"> • at 415 V AC without fuse link according to IEC 60947-6-1 rated value minimum 	40 kA
conditional short-circuit current with line-side fuse protection	
<ul style="list-style-type: none"> • at 415 V by gG fuse according to IEC 60947-6-1 rated value 	50 kA
<ul style="list-style-type: none"> • at 415 V by gG fuse rated value 	50 kA
<ul style="list-style-type: none"> • at 690 V by gG fuse according to IEC 60947-3 rated value 	50 kA
input current at digital input with signal <0> maximum	1 mA
number of digital inputs	5
<ul style="list-style-type: none"> • design of the switching input 	Connected with control terminal
relay design	1 relay: 1NO, 2A 250 VAC or 2A 24 VDC.
pulse duration minimum	0.06 s
input delay time	0.046 s
Connections	
type of connectable conductor cross-sections	
<ul style="list-style-type: none"> • for copper busbar 	2x50x5
type of connectable conductor cross-sections for copper conductor	
<ul style="list-style-type: none"> • stranded with lug according to DIN 46234 	2x185 mm ² ⚡ 4x185 mm ²
type of electrical connection	
<ul style="list-style-type: none"> • of the inputs and outputs • for main current circuit 	Removable/insertable busbar connection
Mechanical Design	
height	370 mm
width	504 mm
depth	439.5 mm
fastening method	screw fixing
fastening method	
<ul style="list-style-type: none"> • 4-hole front mounting 	No
<ul style="list-style-type: none"> • front mounting with central attachment 	No
<ul style="list-style-type: none"> • rail mounting 	No
net weight	27 900 g
Environmental conditions	
ambient temperature during operation	
<ul style="list-style-type: none"> • minimum 	-20 °C
<ul style="list-style-type: none"> • maximum 	70 °C
ambient temperature during storage	

- minimum
- maximum

-40 °C
70 °C

Approvals Certificates

General Product Approval



[Confirmation](#)

[Miscellaneous](#)

General Product Approval

Test Certificates

other



[Type Test Certificates/Test Report](#)

[Confirmation](#)

[Miscellaneous](#)

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)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3KC4348-0FA21-0AA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KC4348-0FA21-0AA3>

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

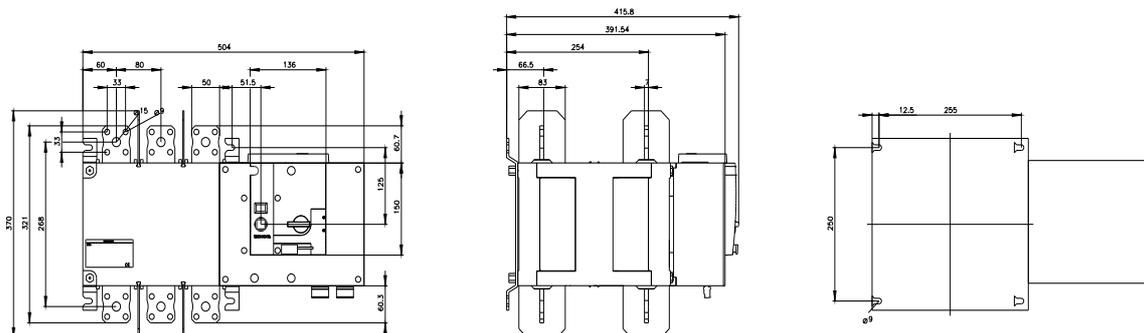
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KC4348-0FA21-0AA3

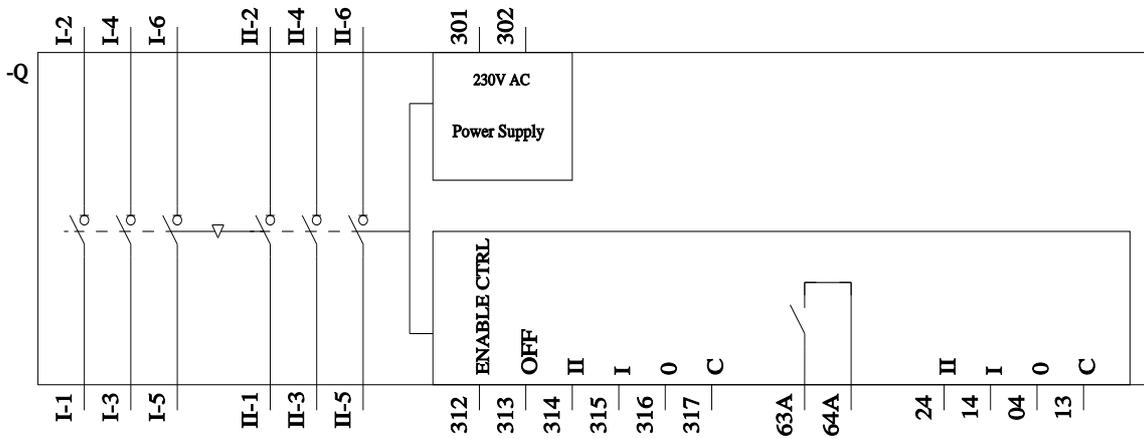
CAX-Online-Generator

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

Tender specifications

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





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