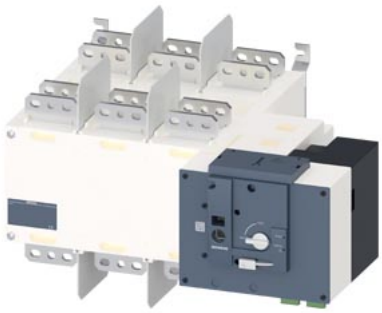
SIEMENS

Data sheet 3KC4358-0JA21-0AA3

SENTRON, transfer switching equipment 3KC, remotely operated, RTSE, 3-pole, Iu: 2500 A, Ue AC: 415 V, Ie at AC-33 B at 415 V: 1250 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
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	1 500
position of the switch operating mechanism	at the right end
overvoltage category	IV
degree of pollution	3
insulation voltage	
● rated value	1 000 V
Supply voltage	
supply voltage at AC	
● minimum	166 V
● maximum	332 V
Protection class	
protection class IP	IP00
protection class IP	
● with closed switch with cover or cable lug cover	IP20
● on the front	IP00
Dissipation	
power loss [W]	
● with conventional rated thermal current per device	765 W
Main circuit	
operating frequency rated value	
● minimum	45 Hz
● maximum	65 Hz
operational current rated value	2 500 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	4

number of CO contacts for auxiliary contacts	0
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	No
● safety switch	No
● maintenance/repair switch	Yes
product extension auxiliary switch	No
product extension optional	
● motor drive	No
● voltage trigger	No
Short circuit	
short-circuit current making capacity (Icm) for switch disconnector	
● at 415 V AC without fuse link according to IEC 60947-3 rated value minimum	105 kA
● at 415 V AC without fuse link according to IEC 60947-6-1 rated value minimum	105 kA
input current at digital input with signal <0> maximum	1 mA
number of digital inputs	5
● 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	
● for copper busbar	2x100x10
type of electrical connection	
● of the inputs and outputs	Removable/insertable
● for main current circuit	busbar connection
Mechanical Design	
height	380 mm
width	596 mm
depth	569 mm
fastening method	screw fixing
fastening method	
● 4-hole front mounting	No
● front mounting with central attachment	No
● rail mounting	No
net weight	50 700 g
Environmental conditions	
ambient temperature during operation	
● minimum	-20 °C
● maximum	70 °C
ambient temperature during storage	
● minimum	-40 °C
● maximum	70 °C
Approvals Certificates	
General Product Approval	

Confirmation

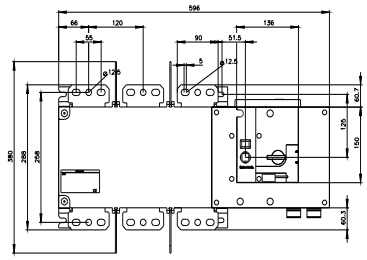
Miscellaneous

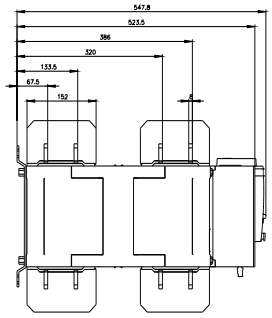
General Product Approval	Test Certificates	other	Environment

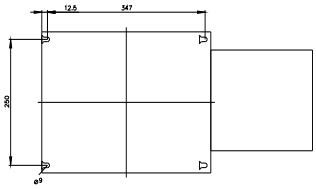
Type Test Certific-ates/Test Report | Miscellaneous | Confirmation | Environmental Con-firmations

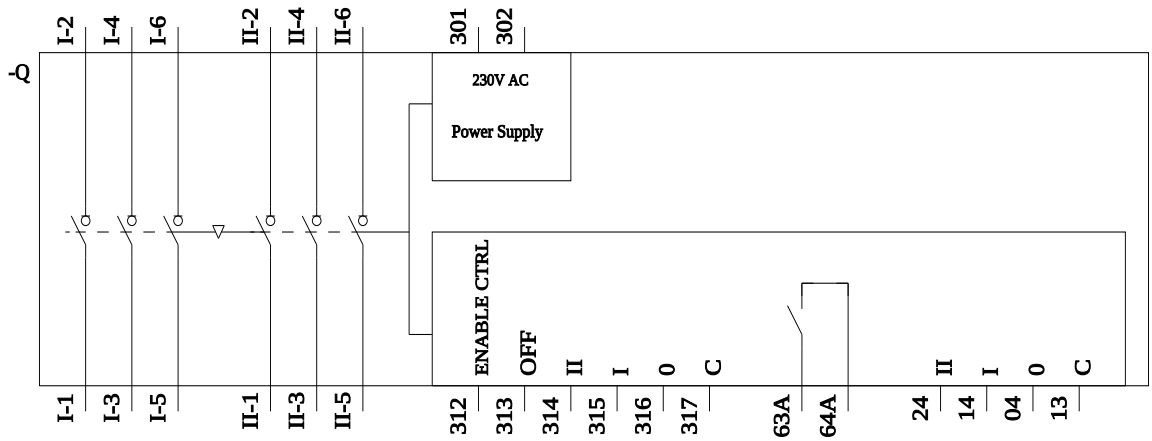
Further information

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=3KC4358-0JA21-0AA3
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3KC4358-0JA21-0AA3
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KC4358-0JA21-0AA3
CAx-Online-Generator
http://www.siemens.com/cax
Tender specifications
http://www.siemens.com/specifications









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