

Transfer control device ATC 3100 EN



Model	
Product brand name	SETRON
Product designation	Accessories for transfer switching equipment
Design of the product	ATC3100, English version
General technical data	
Size of the circuit-breaker	3KC9
Operating temperature	
• minimum	-25 °C
• maximum	70 °C
Switchover time / of the control device	0.5 s
Overvoltage category	4
Voltage	
Insulation voltage / rated value	400 V
Overvoltage category / acc. to IEC 61010	CAT IV
Protection class	
Protection class IP	
• on the front	IP41
• Rear side	IP20

Main circuit	
Operating frequency / rated value	
<ul style="list-style-type: none"> • minimum 	50 Hz
<ul style="list-style-type: none"> • maximum 	60 Hz
Product details	
Product component / of the hardware real-time clock / Backup battery	No
Product feature / of enclosure material	Thermoplast Bayblend FR3010
Accessories	
accessories	Transfer control devices
Inputs Outputs	
Number of digital inputs	0
Relay design	6 relays: 1 NO, 8 A, 250 V AC, 3 relays: 1 NO, 16 A, 250 V AC
Input delay time	0.4 s
Measuring inputs	
Measuring procedure	RMS value (true RMS)
Input impedance	
<ul style="list-style-type: none"> • between L and L 	1.1 MΩ
<ul style="list-style-type: none"> • between N and L 	1.1 MΩ
Measured variable voltage	
<ul style="list-style-type: none"> • between L and L / Rated value 	400 V
<ul style="list-style-type: none"> • between N and L / Rated value 	230 V
Relative measurement deviation	5 %
Number	
Number of monitored phases	4
Connections	
Connectable conductor cross-section	
<ul style="list-style-type: none"> • minimum 	0.5 mm ²
<ul style="list-style-type: none"> • maximum 	2.5 mm ²
AWG number / as coded connectable conductor cross section	
<ul style="list-style-type: none"> • minimum 	20
<ul style="list-style-type: none"> • maximum 	12
Tightening torque / with screw-type terminals	
<ul style="list-style-type: none"> • minimum 	0.2 N·m
<ul style="list-style-type: none"> • maximum 	0.4 N·m
Type of electrical connection	Removable/pluggable
Mechanical Design	
Height	171.2 mm
Width	131.2 mm

Depth	99 mm
Net weight	1 200 g

Environmental conditions

Relative humidity / Reference value	95 %
Ambient temperature / during storage	
• minimum	-40 °C
• maximum	80 °C

Certificates

Reference code	
• acc. to DIN EN 61346-2	A
• acc. to DIN EN 81346-2	A

General Product Approval

Declaration of Conformity

[Miscellaneous](#)



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=3KC9000-8EL10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KC9000-8EL10>

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

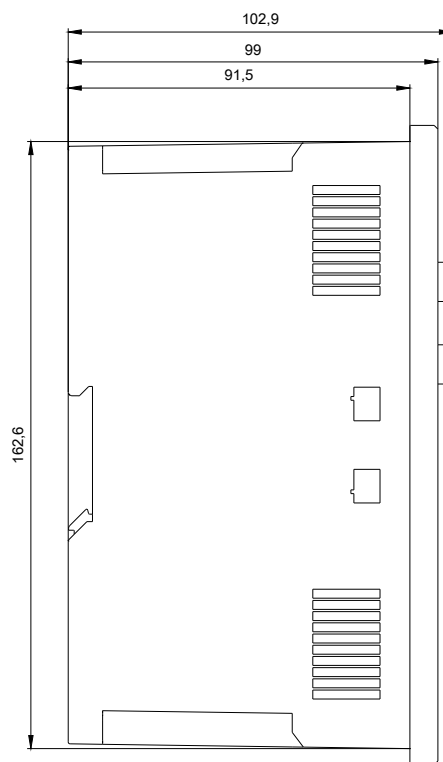
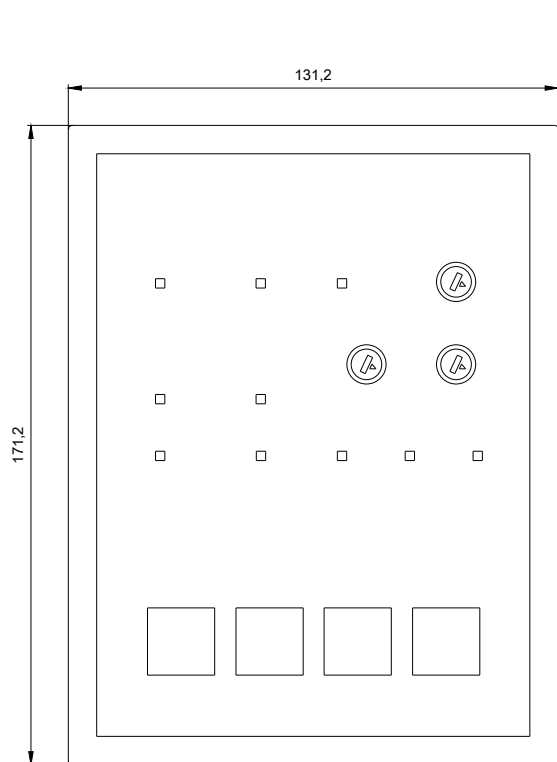
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KC9000-8EL10

CAX-Online-Generator

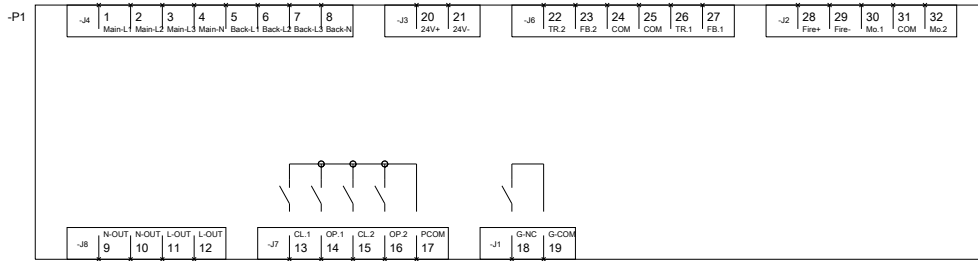
<http://www.siemens.com/cax>

Tender specifications

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



W9.4444; 3KC_ALI



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3KC9000-8EL10

Format / Size: Hybrid quer gross

