



SETRON ATC 5300; LED; 144x144; Transfer control device for control of MCCB, ACB, LBS for load transfer between main and standby power supply Control panel instrument Un 220-240 V AC 50/60 Hz Un 12-48 V DC; Setting range: Ue100-690 V 50/60 Hz Screw terminal connection

Model	
product brand name	SETRON
product designation	Accessories for transfer switching equipment
design of the product	ATC5300, English version
General technical data	
size of the circuit-breaker	3KC9
operating temperature	
• minimum	-20 °C
• maximum	60 °C
switchover time of the control device	1 s
overvoltage category	3
Voltage	
insulation voltage rated value	690 V
overvoltage category according to IEC 61010	CAT III
Protection class	
protection class IP	
• on the front	IP41
• rear side	IP20
Main circuit	
operating frequency rated value	
• minimum	45 Hz
• maximum	65 Hz
Product details	
product component of the hardware real time clock backup battery	Yes
product feature of enclosure material	Thermoplastic LEXAN 3412R
Inputs Outputs	
number of digital inputs	8
• design of the switching input	Negative
relay design	2 relays: 1 NO, 12A, 250 V AC (AC1), 3 relays: 1 NO, 8 A, 250 V AC (AC1), 2 relays: 1 CO, 8A, 250 V
input delay time	0.05 s
signal voltage	
• for signal <0> at DC rated value	1.5 V
• for signal <0> at DC typical	2.9 V
• for signal <1> at DC rated value	5.3 V
• for signal <1> at DC typical	4.3 V
Number	
number of monitored phases	3
Connections	

connectable conductor cross-section	
• minimum	0.2 mm <sup>2</sup>
• maximum	2.5 mm <sup>2</sup>
AWG number as coded connectable conductor cross section	
• minimum	24
• maximum	12
tightening torque [lbf-in] with screw-type terminals maximum	4.5 lbf-in
tightening torque with screw-type terminals	
• maximum	0.5 N-m
type of electrical connection	Removable/pluggable

#### Mechanical Design

height	144 mm
width	144 mm
depth	86.7 mm
net weight	950 g

#### Environmental conditions

relative humidity reference value	90 %
ambient temperature during storage	
• minimum	-30 °C
• maximum	80 °C

<b>General Product Approval</b>	<b>Declaration of Conformity</b>	<b>Test Certificates</b>
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[Confirmation](#)



[Miscellaneous](#)



[Type Test Certificates/Test Report](#)

#### other

[Miscellaneous](#)

[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=3KC9000-8TL30>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KC9000-8TL30>

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

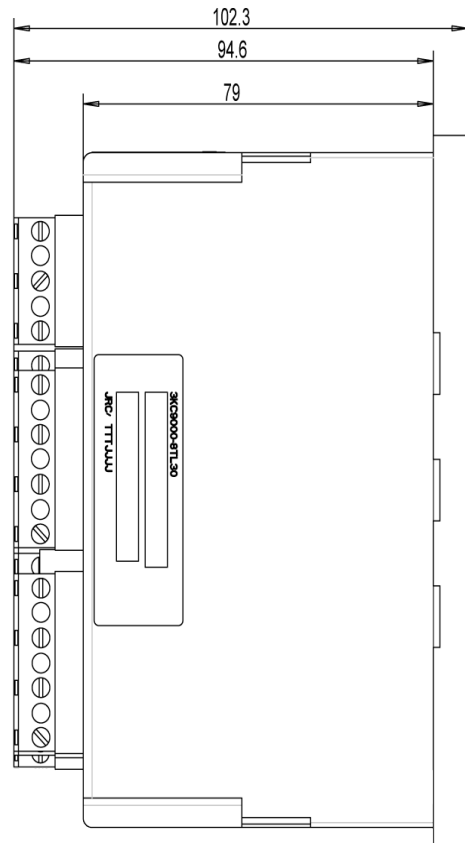
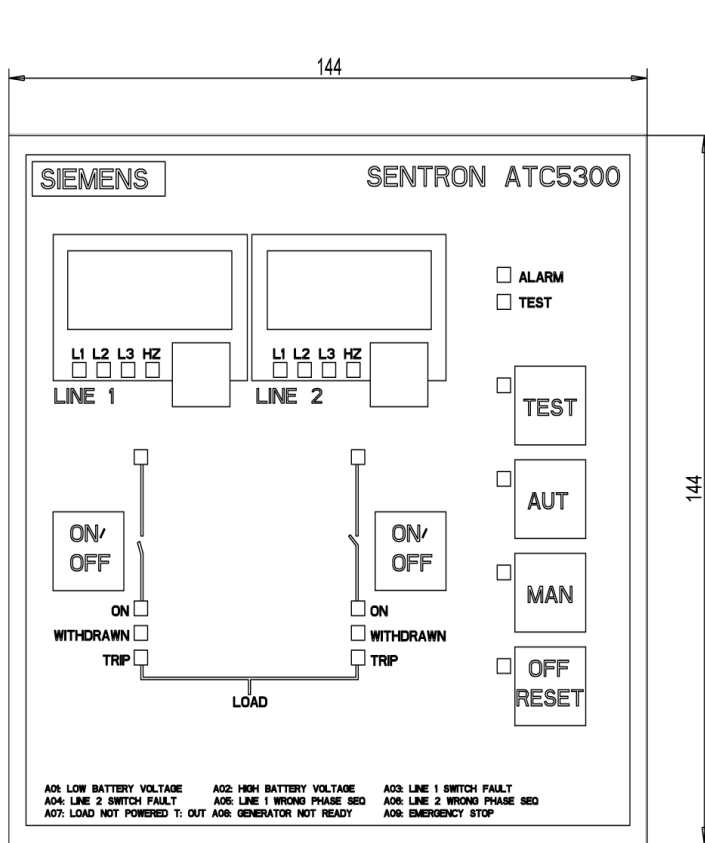
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3KC9000-8TL30](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KC9000-8TL30)

**CAX-Online-Generator**

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

**Tender specifications**

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



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