



SENTRON ATC5300;  
 LNEED;  
 144X144;  
 TRANSFER CONTROL DEVICE FOR CONTROLLING  
 MCCB,  
 ACB,  
 LBS FOR LOAD TRANSFER BETWEEN MAIN AND  
 ANCILLARY NETWORK;  
 PANEL MOUNTING DEVICE VN: 220 TO 240 VAC 50/60HZ  
 VN: 12 TO 48 VDC;  
 SETTING RANGE: VI: 100 - 690V 50/60HZ SCREW  
 TERMINAL

Similar to image

### Supply voltage:

#### Supply voltage

• at AC		
• initial rated value	V	220
• final rated value	V	240
• at DC		
• initial rated value	V	12
• final rated value	V	48
• for AC		
• minimum	V	187
• maximum	V	264
• for DC		
• minimum	V	9
• maximum	V	48

#### Frequency

45 to 65 Hz

#### Power loss

6.3 W (Us AC 240 V), 4.1 W (Us DC 48 V)

#### Current consumption

300 mA at 12 V DC, 180 mA at 24 V DC, 90 mA at 48 V DC

#### Stored energy time

s 50

**Measuring inputs for voltage:**

<b>Voltage measured quantity</b> • between N and L / rated value • between L and L / rated value	V	400
	V	690
<b>Measuring range</b>		AC 80 to 800 V L-L
<b>Measurement input / frequency range</b>		45 to 65 Hz
<b>Measuring method</b>		RMS value (true RMS)
<b>Input impedance</b> • between N and L • between L and L	MΩ	0.5
	MΩ	1.1
<b>Relative measurement error</b>	%	0.25

**Digital input:**

<b>Digital inputs / Digital inputs / Type</b>		Negative
<b>Current consumption / Digital input</b>		<_10 mA
<b>Signal voltage</b> • for signal <0> / for DC • typical • nominal value • for signal <1> / at DC • typical • nominal value	V	2.9
	V	1.5
	V	4.3
	V	5.3
<b>Input delay</b>	s	0.05

**Outputs:**

<b>Number / [not supplied - relay outputs]</b>		7
<b>Relay design</b>		2 relays: 1NO, 12A, 250 V AC (AC1), 3 relays: 1NO, 8A, 250 V AC (AC1), 2 relays: 1W, 8A, 250 V
<b>Switchover time / of the control device</b>	s	1

**Communication:**

<b>Design of the interface</b>		Programmable baud rate, 1200 to 38400 bit/s, connection via RJ6/6 connector
<b>Design of electrical connection</b> • of RS 232 interface • the RS 485-interface		Programmable baud rate, 1200 to 38400 bit/s, connection via RJ6/6 connector
		Plug-in terminal
<b>Transmission rate</b> • configurable	bit/s	1,200 ... 38,400

**Ambient conditions:**

<b>Operating temperature</b>	°C	-20 ... +60
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Storage temperature		-30 to +80 °C
Relative humidity		<90 %
Degree of pollution		3
Overvoltage category / in accordance with IEC 61010		3
Overvoltage class		3

#### Connections:

Connection terminals		Removable/pluggable
Tightening torque		0.5 Nm (4.5 lbf in)



#### Enclosure:

Product property / of enclosure material		LEXAN 3412R thermoplastic
version		Negative
type of protection		IP41 front, IP20 rear
weight	kg	0.95

#### General details:

Product component / of the hardware real-time clock / backup battery		Yes
Accessories		Miscellaneous
Number of monitored phases		3
Rated insulation voltage Ui	V	690

#### Certificates/approvals:

General Product Approval	Declaration of Conformity	Test Certificates
 UL	 EG-Konf.	<a href="#">Type Test Certificates/Test Report</a>

#### Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/lowvoltage/mall>

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

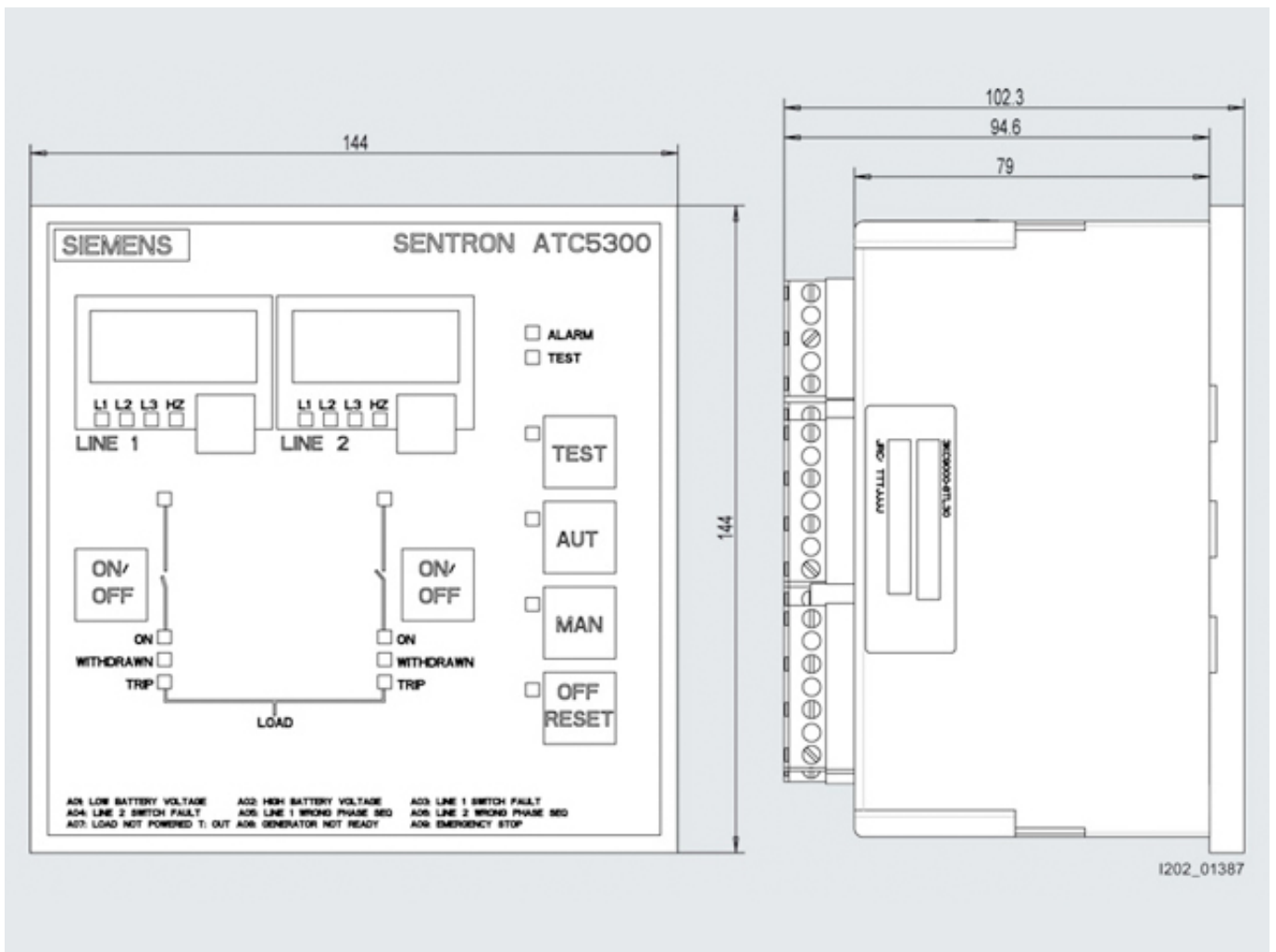
<http://support.automation.siemens.com/WWW/view/en/3KC9000-8TL30/all>

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>



last change:

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