



ATC6 expansion module 2DI/2O SSR, Accessory for ATC6300 and ATC6500 pluggable contains 2 digital inputs and 2 solid-state compatible digital outputs 2 NO contacts

Model	
product brand name	SENTRON
product designation	Accessories for transfer control device
design of the product	ATC6 expansion module 2DI / 2DO, SSR
type of voltage supply	Powered through the ATC
General technical data	
operating temperature	
• minimum	-20 °C
• maximum	60 °C
overvoltage category	3
Voltage	
power frequency withstand voltage	2 kV
surge voltage resistance	4 kV
overvoltage category according to IEC 61010	3
Supply voltage	
supply voltage at DC	5 V
Protection class	
protection class IP on the front	IP20
Dissipation	
power loss [W] at DC maximum	1.25 W
Auxiliary circuit	
number of connected NO contacts for auxiliary contacts	2
Product details	
product feature of enclosure material	Polyamide
Accessories	
accessories	Accessories for ATC6300
Inputs Outputs	
number of digital inputs	2
• design of the switching input	Positive or negative
operating conditions for digital inputs auxiliary power supply available	Yes
voltage at auxiliary power supply at DC	24 V
current at auxiliary power supply maximum	42 mA
input current with signal <0> maximum	7 mA
input delay time minimum	50 ms
frequency at the digital inputs	
• adjusted as counter maximum	2 000 Hz
• adjusted as status maximum	50 Hz
design of the digital output	Solid-state relay (opto-MOSFET)
output current at electronic outputs	

- at DC at 40 V at 60 °C maximum 55 mA
- at AC at 30 V at 60 °C maximum 55 mA

#### Connections

<b>connectable conductor cross-section</b>	
• minimum	0.2 mm <sup>2</sup>
• maximum	1.5 mm <sup>2</sup>
<b>connectable conductor cross-section according to UL 508</b>	
• minimum	0.2 mm <sup>2</sup>
• maximum	1.5 mm <sup>2</sup>
<b>AWG number as coded connectable conductor cross section</b>	
• minimum	24
• maximum	12
<b>AWG number as coded connectable conductor cross section according to UL 508</b>	
• minimum	28
• maximum	14
tightening torque [lbf-in] with screw-type terminals maximum	1.7 lbf-in
<b>temperature of conductor according to UL 508 maximum</b>	60/75 °C
<b>type of electrical connection</b>	Removable/plug-in

#### Mechanical Design

<b>height</b>	64.5 mm
<b>width</b>	22 mm
<b>depth</b>	46.8 mm
<b>Net Weight</b>	62 g

#### Environmental conditions

<b>relative humidity reference value</b>	80 %
<b>ambient temperature during storage</b>	
• minimum	-30 °C
• maximum	80 °C

#### Certificates

<b>reference code according to IEC 81346-2</b>	K
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#### Approvals Certificates

General Product Approval	other
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[Miscellaneous](#)



other	Environment
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[Confirmation](#)

[Environmental Confirmations](#)

#### Further information

Information on the packaging  
<https://support.industry.siemens.com/cs/ww/en/view/109813875>  
 Information for data generation and storage  
<https://support.industry.siemens.com/cs/ww/en/view/109995012>  
 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=3KC9000-8TL62>  
 Service&Support (Manuals, Certificates, Characteristics, FAQs,...)  
<https://support.industry.siemens.com/cs/ww/en/ps/3KC9000-8TL62>  
 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)  
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3KC9000-8TL62](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KC9000-8TL62)  
 CAx-Online-Generator  
<http://www.siemens.com/cax>  
 Tender specifications  
<http://www.siemens.com/specifications>





