



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	SETRON
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
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		
connectable conductor cross-section		
• minimum	0.2 mm <sup>2</sup>	
• maximum	1.5 mm <sup>2</sup>	
connectable conductor cross-section according to UL 508		
• minimum	0.2 mm <sup>2</sup>	
• maximum	1.5 mm <sup>2</sup>	
AWG number as coded connectable conductor cross section		
• minimum	24	
• maximum	12	
AWG number as coded connectable conductor cross section according to UL 508		
• minimum	28	
• maximum	14	
tightening torque [lbf-in] with screw-type terminals maximum	1.7 lbf-in	
temperature of conductor according to UL 508 maximum	60/75 °C	
type of electrical connection	Removable/plug-in	
Mechanical Design		
height	64.5 mm	
width	22 mm	
depth	46.8 mm	
net weight	58 g	
Environmental conditions		
relative humidity reference value	80 %	
ambient temperature during storage		
• minimum	-30 °C	
• maximum	80 °C	
Certificates		
reference code		
• according to EN 61346-2	K	
• according to IEC 81346-2	K	
General Product Approval		Declaration of Conformity

[Confirmation](#)



[Miscellaneous](#)



other

[Miscellaneous](#)

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#### Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=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>





