SIEMENS

Data sheet 3KC9000-8TL62



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	
Inputs Outputs		
number of digital inputs	2	
 design of the switching input 	Positive or negative	
	Positive or negative	
operating conditions for digital inputs auxiliary power supply available	Positive or negative Yes	
operating conditions for digital inputs auxiliary power supply		
operating conditions for digital inputs auxiliary power supply available	Yes	
operating conditions for digital inputs auxiliary power supply available voltage at auxiliary power supply at DC	Yes 24 V	
operating conditions for digital inputs auxiliary power supply available voltage at auxiliary power supply at DC current at auxiliary power supply maximum	Yes 24 V 42 mA	
operating conditions for digital inputs auxiliary power supply available voltage at auxiliary power supply at DC current at auxiliary power supply maximum input current with signal <0> maximum	Yes 24 V 42 mA 7 mA	
operating conditions for digital inputs auxiliary power supply available voltage at auxiliary power supply at DC current at auxiliary power supply maximum input current with signal <0> maximum input delay time minimum	Yes 24 V 42 mA 7 mA	
operating conditions for digital inputs auxiliary power supply available voltage at auxiliary power supply at DC current at auxiliary power supply maximum input current with signal <0> maximum input delay time minimum frequency at the digital inputs	Yes 24 V 42 mA 7 mA 50 ms	
operating conditions for digital inputs auxiliary power supply available voltage at auxiliary power supply at DC current at auxiliary power supply maximum input current with signal <0> maximum input delay time minimum frequency at the digital inputs • adjusted as counter maximum	Yes 24 V 42 mA 7 mA 50 ms 2 000 Hz	
operating conditions for digital inputs auxiliary power supply available voltage at auxiliary power supply at DC current at auxiliary power supply maximum input current with signal <0> maximum input delay time minimum frequency at the digital inputs • adjusted as counter maximum • adjusted as status maximum	Yes 24 V 42 mA 7 mA 50 ms 2 000 Hz 50 Hz	
operating conditions for digital inputs auxiliary power supply available voltage at auxiliary power supply at DC current at auxiliary power supply maximum input current with signal <0> maximum input delay time minimum frequency at the digital inputs • adjusted as counter maximum • adjusted as status maximum design of the digital output	Yes 24 V 42 mA 7 mA 50 ms 2 000 Hz 50 Hz	

Connections		
connectable conductor cross-section		
• minimum	0.2 mm ²	
• maximum	1.5 mm²	
connectable conductor cross-section according to UL 508		
• minimum	0.2 mm ²	
• maximum	1.5 mm²	
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

<u>Miscellaneous</u>

Confirmation

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, ...)

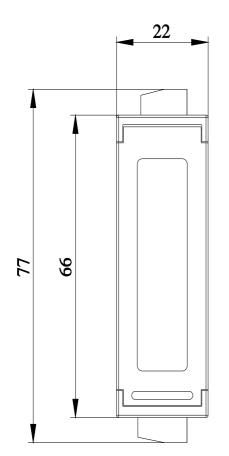
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KC9000-8TL62

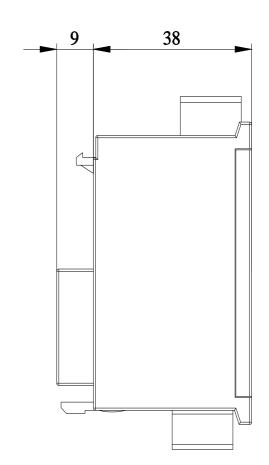
CAx-Online-Generator

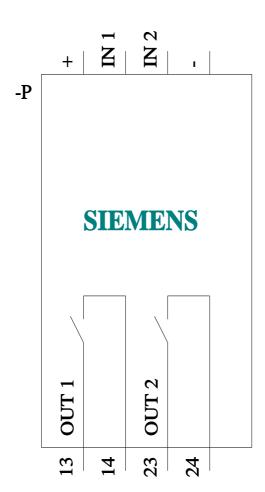
http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications







last modified: 12/19/2020 🖸

