## **SIEMENS**

Data sheet 3KC9000-8TL60



ATC6 expansion module 4DI Accessory for ATC6300 and ATC6500 pluggable contains 4 digital inputs

Medel		
Model		
product brand name	SENTRON	
product designation	Accessories for transfer control device	
design of the product	ATC6 expansion module 4DI	
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	1.5 W	
Product details		
product feature of enclosure material	Polyamide	
Inputs Outputs		
number of digital inputs	4	
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	
<ul> <li>adjusted as status maximum</li> </ul>	50 Hz	
Connections		
connectable conductor cross-section		
• minimum	0.2 mm²	
• maximum	1.5 mm²	
connectable conductor cross-section at auxiliary power supply		
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• maximum	2.5 mm²	
<ul> <li>according to UL 508 minimum</li> </ul>	0.75 mm <sup>2</sup>	
<ul> <li>according to UL 508 maximum</li> </ul>	2.5 mm²	
AWG number at auxiliary power supply as coded connectable conductor cross section		
• minimum	24	
• maximum	12	
<ul> <li>according to UL 508 minimum</li> </ul>	18	
according to UL 508 maximum	12	
AWG number as coded connectable conductor cross section		
• minimum	28	
• maximum	14	
tightening torque [lbf·in] with screw-type terminals maximum	1.7 lbf·in	
tightening torque [lbf·in] at auxiliary power supply with screw- type terminals maximum	4.5 lbf·in	
tightening torque at auxiliary power supply with screw-type terminals maximum	0.5 N·m	
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	60 g	
Environmental conditions		
relative humidity reference value	80 %	
ambient temperature during storage		
• minimum	-30 °C	
• maximum	80 °C	
Certificates		
reference code		
<ul><li>according to EN 61346-2</li></ul>	K	
• according to IEC 81346-2	K	
General Product Approval		Declaration of Conformity

Confirmation



**Miscellaneous** 





CE EG-Konf.

## other

Confirmation

**Miscellaneous** 

## 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=3KC9000-8TL60

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

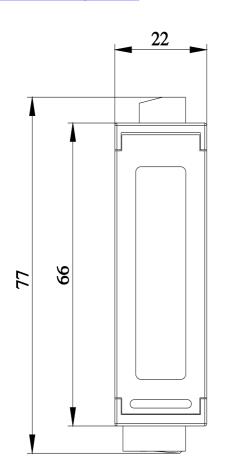
https://support.industry.siemens.com/cs/ww/en/ps/3KC9000-8TL60

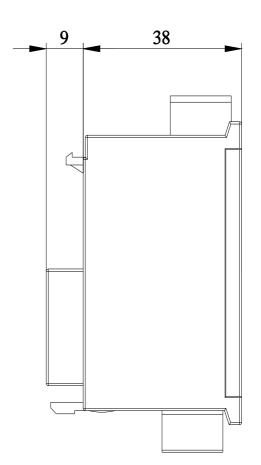
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

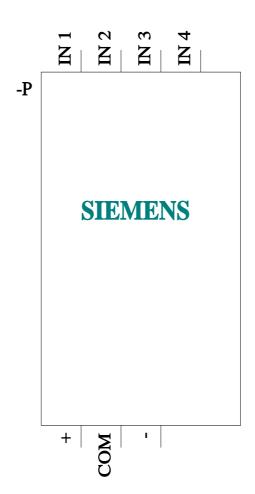
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3KC9000-8TL60

CAx-Online-Generator

http://www.siemens.com/cax







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