

PLIO07 Tech-Note

Compact I/O Module

· 2 Relay Outputs



Highlights

PLIO07 is a compact and low-cost I/O module. The plug-in is compatible with Series 500, 500G, 600, eX and eXware. The PLIO07 relay outputs are an ideal extension to standard HMI products for applications with limited I/O requirements such as alarm notification.

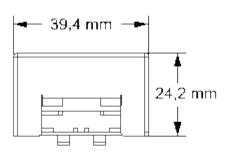
The plug-in is compatible with Series 500, 500G, 600, eX and eXware. The operation of PLIO07 does not requires the integrated PLC software running in the HMI.

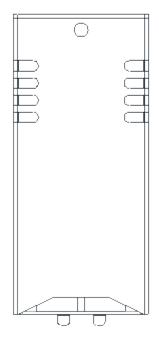
- Plug&Play operation. The I/O module is automatically detected when plugged-in.
- Can be controlled directly by JMobile runtime without the need of activating the integrated PLC software.
- · Compact and low-power consumption.
- · No additional power supply.
- Easy wiring with removable 5.08 mm terminal block

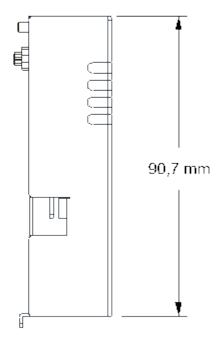
PLIO07 - Technical Data



Relay Outputs Number of channels 2 Type of channel 1x 2 contacts (NO) 1x 3 contacts (NO/NC)" Load Resistive load Rated load Rated carry current 1A Max switching voltage Max switching current 2A Environmental Conditions Operating temperature Coperating and storage humidity Protection class Approvals Emission EN 61000-6-4, Immunity EN 61000-6-1 for installation in residential environments RCM Yes		
Type of channel "1x 2 contacts (NO) 1x 3 contacts (NO/NC)" Load Resistive load Rated load Rated carry current AMAX switching voltage Max switching current Environmental Conditions Operating temperature Storage temperature Operating and storage humidity Protection class Approvals Emission EN 61000-6-4, Immunity EN 61000-6-1 for installation in residential environments	Relay Outputs	
Tx 3 contacts (NO/NC)" Load Rated load Rated load Rated carry current Ax switching voltage Max switching current Environmental Conditions Operating temperature Operating and storage humidity Protection class Approvals Emission EN 61000-6-4, Immunity EN 61000-6-1 for installation in residential environments 1x 3 contacts (NO/NC)" Resistive load 2A at 30 Vrms 1A 42.4 Vac (30 Vrms); 60Vdc 42.4 Vac (30 Vrms); 60Vdc 2A Environmental Conditions 2A Environmental Conditions Operating temperature -20° to 60°C 5 - 85 % relative humidity, non-condensing IP20 Approvals	Number of channels	2
Rated load Rated carry current Rated carry current Max switching voltage A2.4 Vac (30 Vrms); 60Vdc Max switching current Environmental Conditions Operating temperature Operating and storage humidity Frotection class Approvals Emission EN 61000-6-4, Immunity EN 61000-6-1 for installation in residential environments	Type of channel	
Rated carry current Max switching voltage A2.4 Vac (30 Vrms); 60Vdc Max switching current 2A Environmental Conditions Operating temperature -20° to 60°C Storage temperature -20 to +70 °C Operating and storage humidity 5 - 85 % relative humidity, non-condensing Protection class IP20 Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2 for installation in industrial environments Emission EN 61000-6-3, Immunity EN 61000-6-1 for installation in residential environments	Load	Resistive load
Max switching voltage Max switching current Environmental Conditions Operating temperature Storage temperature Operating and storage humidity Frotection class Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2 for installation in industrial environments Emission EN 61000-6-3, Immunity EN 61000-6-1 for installation in residential environments	Rated load	2A at 30 Vrms
Max switching current Environmental Conditions Operating temperature Operating and storage humidity Protection class Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2 for installation in residential environments Emission EN 61000-6-3, Immunity EN 61000-6-1 for installation in residential environments	Rated carry current	1A
Environmental Conditions Operating temperature Storage temperature -20° to 60°C Storage temperature -20 to +70 °C Operating and storage humidity 5 - 85 % relative humidity, non-condensing Protection class IP20 Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2 for installation in industrial environments Emission EN 61000-6-3, Immunity EN 61000-6-1 for installation in residential environments	Max switching voltage	42.4 Vac (30 Vrms); 60Vdc
Operating temperature Storage temperature -20° to 60°C Storage temperature -20 to +70 °C Operating and storage humidity 5 - 85 % relative humidity, non-condensing Protection class IP20 Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2 for installation in industrial environments Emission EN 61000-6-3, Immunity EN 61000-6-1 for installation in residential environments	Max switching current	2A
Storage temperature -20 to +70 °C Operating and storage humidity 5 - 85 % relative humidity, non-condensing Protection class IP20 Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2 for installation in industrial environments Emission EN 61000-6-3, Immunity EN 61000-6-1 for installation in residential environments	Environmental Conditions	
Operating and storage humidity Frotection class Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2 for installation in industrial environments Emission EN 61000-6-3, Immunity EN 61000-6-1 for installation in residential environments	Operating temperature	-20° to 60°C
Protection class Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2 for installation in industrial environments Emission EN 61000-6-3, Immunity EN 61000-6-1 for installation in residential environments	Storage temperature	-20 to +70 °C
Approvals Emission EN 61000-6-4, Immunity EN 61000-6-2 for installation in industrial environments Emission EN 61000-6-3, Immunity EN 61000-6-1 for installation in residential environments	Operating and storage humidity	5 – 85 % relative humidity, non-condensing
CE Emission EN 61000-6-4, Immunity EN 61000-6-2 for installation in industrial environments Emission EN 61000-6-3, Immunity EN 61000-6-1 for installation in residential environments	Protection class	IP20
CE for installation in industrial environments Emission EN 61000-6-3, Immunity EN 61000-6-1 for installation in residential environments	Approvals	
RCM Yes	CE	for installation in industrial environments Emission EN 61000-6-3, Immunity EN 61000-6-1
	RCM	Yes







Ordering Information

Model	Part Number	Description
PLI007	+PLI007U001	Compact I/O Module. 2 Relay Outputs