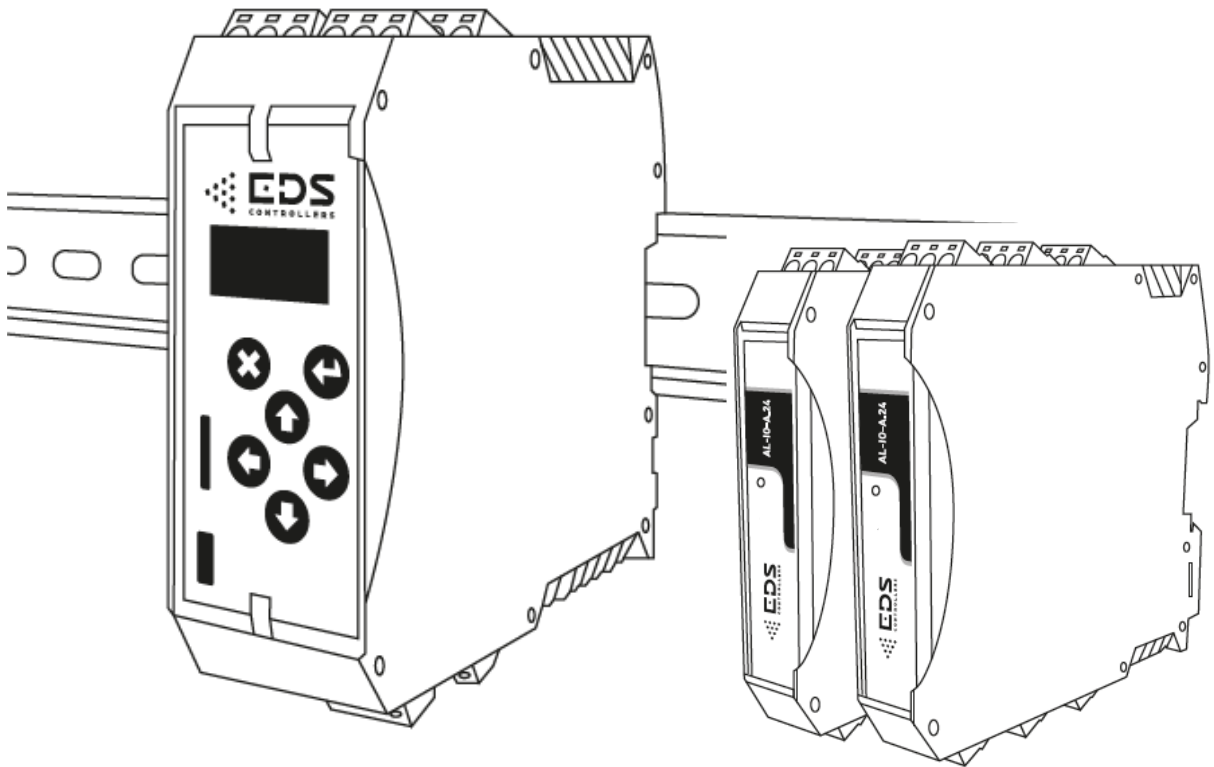


## Standard Offer

# Modular PLC series Ambity Line™



<http://edscontrollers.com/terms-and-conditions>



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# CENTRAL UNITS

- Program size up to 2 MB, data memory ~4 MB
- Modbus RTU (respectively non-isolated or isolated and non-isolated)
- Ethernet, USB OTG, microSD
- Local user interface (0.9" OLED, 6 control buttons)
- Expandable with an additional 10 I/O modules

## MODBUS RTU VARIANT (RS-485 NON ISOLATED)

Model:	Short Description:	Product code:	Website link:
<b>AL-CPU-M.2-0.00i</b>	Central unit without built-in I/O module	PK0101 12 000000 00	<a href="http://edscontrollers.com/al-cpu-m2-000i">http://edscontrollers.com/al-cpu-m2-000i</a>
<b>AL-CPU-M.2-A.10i</b>	8 configurable channels: AI/DI/DO (current, voltage or digital)   input ranges: 0-20mA, 0-10V, 0-24V, output range: OC 100mA	PK0101 12 081000 00	<a href="http://edscontrollers.com/al-cpu-m2-a10i">http://edscontrollers.com/al-cpu-m2-a10i</a>
<b>AL-CPU-M.2-A.11i</b>	8 configurable channels: AI/DI (current, voltage or digital) input ranges: 0-20mA, 0-10V, 0-24V	PK0101 12 082000 00	<a href="http://edscontrollers.com/al-cpu-m2-a11i">http://edscontrollers.com/al-cpu-m2-a11i</a>
<b>AL-CPU-M.2-A.12i</b>	8 dedicated AI (DI) channels (voltage or digital)   input ranges: 0-10V, 0-24V	PK0101 12 00008A 00	<a href="http://edscontrollers.com/al-cpu-m2-a12i">http://edscontrollers.com/al-cpu-m2-a12i</a>
<b>AL-CPU-M.2-A.13i</b>	8 dedicated AI channels (current)   input range: 0-20mA	PK0101 12 00008B 00	<a href="http://edscontrollers.com/al-cpu-m2-a13i">http://edscontrollers.com/al-cpu-m2-a13i</a>
<b>AL-CPU-M.2-A.14i</b>	4 configurable AI/DI channels (current, voltage or digital) and 4 dedicated DO channels   input ranges: 0-20mA, 0-10V, 0-24V, output range: OC 100mA	PK0101 12 04204D 00	<a href="http://edscontrollers.com/al-cpu-m2-a14i">http://edscontrollers.com/al-cpu-m2-a14i</a>
<b>AL-CPU-M.2-A.15i</b>	4 dedicated AI (DI) channels (voltage or digital) and 4 dedicated DO channels   input ranges: 0-10V, 0-24V, output range: OC 100mA	PK0101 12 04A04D 00	<a href="http://edscontrollers.com/al-cpu-m2-a15i">http://edscontrollers.com/al-cpu-m2-a15i</a>
<b>AL-CPU-M.2-A.16i</b>	4 dedicated AI (current) channels and 4 dedicated DO channels   input range: 0-20mA, output range: OC 100mA	PK0101 12 04B04D 00	<a href="http://edscontrollers.com/al-cpu-m2-a16i">http://edscontrollers.com/al-cpu-m2-a16i</a>
<b>AL-CPU-M.2-A.17i</b>	8 configurable DI/DO channels   input range: 0-24V, output range: OC 100mA	PK0101 12 083000 00	<a href="http://edscontrollers.com/al-cpu-m2-a17i">http://edscontrollers.com/al-cpu-m2-a17i</a>
<b>AL-CPU-M.2-A.18i</b>	8 dedicated DO channels   output range: OC 100mA	PK0101 12 00008D 00	<a href="http://edscontrollers.com/al-cpu-m2-a18i">http://edscontrollers.com/al-cpu-m2-a18i</a>
<b>AL-CPU-M.2-A.19i</b>	8 dedicated DI channels   input range: 0-24V	PK0101 12 00008C 00	<a href="http://edscontrollers.com/al-cpu-m2-a19i">http://edscontrollers.com/al-cpu-m2-a19i</a>

## VARIANT WITH 2 X MODBUS RTU (RS-485 ISOLATED AND NON ISOLATED)

Model:	Short Description:	Product code:	Website link:
<b>AL-CPU-M.1-0.00i</b>	Central unit without built-in I/O module	PK0101 11 000000 00	<a href="http://edscontrollers.com/al-cpu-m1-000i">http://edscontrollers.com/al-cpu-m1-000i</a>
<b>AL-CPU-M.1-A.10i</b>	8 configurable channels: AI/DI/DO (current, voltage or digital)   input ranges: 0-20mA, 0-10V, 0-24V, output range: OC 100mA	PK0101 11 081000 00	<a href="http://edscontrollers.com/al-cpu-m1-a10i">http://edscontrollers.com/al-cpu-m1-a10i</a>
<b>AL-CPU-M.1-A.11i</b>	8 configurable channels: AI/DI (current, voltage or digital) input ranges: 0-20mA, 0-10V, 0-24V	PK0101 11 082000 00	<a href="http://edscontrollers.com/al-cpu-m1-a11i">http://edscontrollers.com/al-cpu-m1-a11i</a>

<b>AL-CPU-M.1-A.12i</b>	8 dedicated AI (DI) channels (voltage or digital)   input ranges: 0-10V, 0-24V	PK0101 11 00008A 00	<a href="http://edscontrollers.com/al-cpu-m1-a12i">http://edscontrollers.com/al-cpu-m1-a12i</a>
<b>AL-CPU-M.1-A.13i</b>	8 dedicated AI channels (current)   input range: 0-20mA	PK0101 11 00008B 00	<a href="http://edscontrollers.com/al-cpu-m1-a13i">http://edscontrollers.com/al-cpu-m1-a13i</a>
<b>AL-CPU-M.1-A.14i</b>	4 configurable AI/DI channels (current, voltage or digital) and 4 dedicated DO channels   input ranges: 0-20mA, 0-10V, 0-24V, output range: OC 100mA	PK0101 11 04204D 00	<a href="http://edscontrollers.com/al-cpu-m1-a14i">http://edscontrollers.com/al-cpu-m1-a14i</a>
<b>AL-CPU-M.1-A.15i</b>	4 dedicated AI (DI) channels (voltage or digital) and 4 dedicated DO channels   input ranges: 0-10V, 0-24V, output range: OC 100mA	PK0101 11 04A04D 00	<a href="http://edscontrollers.com/al-cpu-m1-a15i">http://edscontrollers.com/al-cpu-m1-a15i</a>
<b>AL-CPU-M.1-A.16i</b>	4 dedicated AI (current) channels and 4 dedicated DO channels   input range: 0-20mA, output range: OC 100mA	PK0101 11 04B04D 00	<a href="http://edscontrollers.com/al-cpu-m1-a16i">http://edscontrollers.com/al-cpu-m1-a16i</a>
<b>AL-CPU-M.1-A.17i</b>	8 configurable DI/DO channels   input range: 0-24V, output range: OC 100mA	PK0101 11 083000 00	<a href="http://edscontrollers.com/al-cpu-m1-a17i">http://edscontrollers.com/al-cpu-m1-a17i</a>
<b>AL-CPU-M.1-A.18i</b>	8 dedicated DO channels   output range: OC 100mA	PK0101 11 00008D 00	<a href="http://edscontrollers.com/al-cpu-m1-a18i">http://edscontrollers.com/al-cpu-m1-a18i</a>
<b>AL-CPU-M.1-A.19i</b>	8 dedicated DI channels   input range: 0-24V	PK0101 11 00008C 00	<a href="http://edscontrollers.com/al-cpu-m1-a19i">http://edscontrollers.com/al-cpu-m1-a19i</a>

## I/O MODULES

### MODULES WITH 8 INPUT/OUTPUT CHANNELS

Model:	Short Description:	Product code:	Website link:
<b>AL-IO-A.10</b>	8 configurable channels: AI/DI/DO (current, voltage or digital)   input ranges: 0-20mA, 0-10V, 0-24V, output range: OC 100mA	PK0102 11 081000 00	<a href="http://edscontrollers.com/al-io-a10o">http://edscontrollers.com/al-io-a10o</a>
<b>AL-IO-A.11</b>	8 configurable channels: AI/DI (current, voltage or digital) input ranges: 0-20mA, 0-10V, 0-24V	PK0102 11 082000 00	<a href="http://edscontrollers.com/al-io-a11o">http://edscontrollers.com/al-io-a11o</a>
<b>AL-IO-A.12</b>	8 dedicated AI (DI) channels (voltage or digital)   input ranges: 0-10V, 0-24V	PK0102 11 00008A 00	<a href="http://edscontrollers.com/al-io-a12o">http://edscontrollers.com/al-io-a12o</a>
<b>AL-IO-A.13</b>	8 dedicated AI channels (current)   input range: 0-20mA	PK0102 11 00008B 00	<a href="http://edscontrollers.com/al-io-a13o">http://edscontrollers.com/al-io-a13o</a>
<b>AL-IO-A.14</b>	4 configurable AI/DI channels (current, voltage or digital) and 4 dedicated DO channels   input ranges: 0-20mA, 0-10V, 0-24V, output range: OC 100mA	PK0102 11 04204D 00	<a href="http://edscontrollers.com/al-io-a14o">http://edscontrollers.com/al-io-a14o</a>
<b>AL-IO-A.15</b>	4 dedicated AI (DI) channels (voltage or digital) and 4 dedicated DO channels   input ranges: 0-10V, 0-24V, output range: OC 100mA	PK0102 11 04A04D 00	<a href="http://edscontrollers.com/al-io-a15o">http://edscontrollers.com/al-io-a15o</a>
<b>AL-IO-A.16</b>	4 dedicated AI (current) channels and 4 dedicated DO channels   input range: 0-20mA, output range: OC 100mA	PK0102 11 04B04D 00	<a href="http://edscontrollers.com/al-io-a16o">http://edscontrollers.com/al-io-a16o</a>
<b>AL-IO-A.17</b>	8 configurable DI/DO channels   input range: 0-24V, output range: OC 100mA	PK0102 11 083000 00	<a href="http://edscontrollers.com/al-io-a17o">http://edscontrollers.com/al-io-a17o</a>
<b>AL-IO-A.18</b>	8 dedicated DO channels   output range: OC 100mA	PK0102 11 00008D 00	<a href="http://edscontrollers.com/al-io-a18o">http://edscontrollers.com/al-io-a18o</a>
<b>AL-IO-A.19</b>	8 dedicated DI channels   input range: 0-24V	PK0102 11 00008C 00	<a href="http://edscontrollers.com/al-io-a19o">http://edscontrollers.com/al-io-a19o</a>

## MODULES WITH 12 INPUT/OUTPUT CHANNELS

Model:	Short Description:	Product code:	Website link:
<b>AL-IO-A.30</b>	12 configurable channels: AI/DI/DO (current, voltage or digital)   input ranges: 0-20mA, 0-10V, 0-24V, output range: OC 100mA	PK0102 11 121000 00	<a href="http://edscontrollers.com/al-io-a30o">http://edscontrollers.com/al-io-a30o</a>
<b>AL-IO-A.31</b>	12 configurable channels: AI/DI (current, voltage or digital)   input ranges: 0-20mA, 0-10V, 0-24V	PK0102 11 122000 00	<a href="http://edscontrollers.com/al-io-a31o">http://edscontrollers.com/al-io-a31o</a>
<b>AL-IO-A.32</b>	12 dedicated AI (DI) channels (voltage or digital)   input ranges: 0-10V, 0-24V	PK0102 11 00012A 00	<a href="http://edscontrollers.com/al-io-a32o">http://edscontrollers.com/al-io-a32o</a>
<b>AL-IO-A.33</b>	12 dedicated AI (current) channels   input range: 0-20mA	PK0102 11 00012B 00	<a href="http://edscontrollers.com/al-io-a33o">http://edscontrollers.com/al-io-a33o</a>
<b>AL-IO-A.34</b>	6 configurable AI/DI channels (current, voltage or digital) and 6 dedicated DO channels   input ranges: 0-20mA, 0-10V, 0-24V, output range: OC 100mA	PK0102 11 06206D 00	<a href="http://edscontrollers.com/al-io-a34o">http://edscontrollers.com/al-io-a34o</a>
<b>AL-IO-A.35</b>	6 dedicated AI (DI) channels (voltage or digital) and 6 dedicated DO channels   input ranges: 0-10V, 0-24V, output range: OC 100mA	PK0102 11 06A06D 00	<a href="http://edscontrollers.com/al-io-a35o">http://edscontrollers.com/al-io-a35o</a>
<b>AL-IO-A.36</b>	6 dedicated AI (current) channels and 6 dedicated DO channels   input range: 0-20mA, output range: OC 100mA	PK0102 11 06B06D 00	<a href="http://edscontrollers.com/al-io-a36o">http://edscontrollers.com/al-io-a36o</a>
<b>AL-IO-A.37</b>	12 configurable DI/DO channels   input range: 0-24V, output range: OC 100mA	PK0102 11 123000 00	<a href="http://edscontrollers.com/al-io-a37o">http://edscontrollers.com/al-io-a37o</a>
<b>AL-IO-A.38</b>	12 dedicated DO channels   output range: OC 100mA	PK0102 11 00012D 00	<a href="http://edscontrollers.com/al-io-a38o">http://edscontrollers.com/al-io-a38o</a>
<b>AL-IO-A.39</b>	12 dedicated DI channels   input range: 0-24V	PK0102 11 00012C 00	<a href="http://edscontrollers.com/al-io-a39o">http://edscontrollers.com/al-io-a39o</a>

### INFORMATION NOTE:

An integral part of offers, contracts or order confirmations, unless otherwise expressly agreed in writing, are the General Commercial Terms and Conditions of eDev Studio sp. z o.o., available: <http://edscontrollers.com/terms-and-conditions>

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Full contact details are indicated on the website: <http://edscontrollers.com/contact>.