



eManager Pro GPRS ACTIO 80


eManager Pro GPRS ACTIO 80, ARM controller

Code: D301100030000

- > Memory: 512 MB | 8 GB eMMC
- > Módulos: 6
- > Communications: RS232/485 | Ethernet | Wi-Fi | GPRS
- > N° relays: 8 (2 A)
- > Power supply: 85 ... 264 V~
- > CPU: ARM Cortex A7 800 MHz

Description

eManager ActIO is the range of IoT industrial controllers with different combinations of digital inputs, analogue inputs and relays. eManager ActIO centralises datalogging, communications, industrial protocol integration, signals and actuators. All in one.

All eManager input & output modules have their own microprocessor so you can perform real-time operations without relying on the main Linux CPU. In addition, you can control each relay, digital & analogue input in an agile and intuitive way with our customised Node-RED nodes.




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Specifications

AC power supply

Consumption	8,8 ... 10,5 VA
Frequency	47 ... 63 Hz
Nominal voltage	85 ... 264 V~

DC power supply

Consumption	6,4 ... 6,5 W
Nominal voltage	120 ... 300 Vdc

Electrical characteristics

Isolation level	3 kVac
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Mechanical characteristics

Size (mm) width x height x depth	105 x 89 x 48 (mm)
Envelope	Polycarbonate UL94 - Self-extinguishing V16
Fastening	DIN rail 46277 (EN 50022)
Weight (kg)	0,268

Environmental characteristics

Protection class	IP 20
Relative humidity (without condensation)	5...95 %
Working temperature	-20...+50 °C

Communication Network

Technology / Type	Ethernet 10/100 Mbps
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Control Unit

Clock	RTC
CPU	ARM Cortex A7 800 MHz
PSRAM Memory	512 MB
SPI Flash Memory	8 GB eMMC

Standards

Electrical safety, Maximum height (m)	2000
Electrical safety, Installation category	CAT III 300 V
Electrical safety, Contamination level/class	Double-insulated electric shock protection class II (IEC 61010)
Standards	UNE EN 61010-1, UNE-EN 61000-6-2, UNE-EN 61000-6-4

Electrical safety

Insulation	3 kVac
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Digital relay outputs

Quantity	8
Type	NA
Maximum current	6 A
Maximum open contact voltage	250 Vac

Radio communication -Antenna

Antenna	External
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Radio communication

Band	850 / 900 / 1800 / 1900 MHz
Technology / Type	GPRS

Serial communication

Technology / Type	RS-232 (full-duplex) / RS-485 (half-duplex)Galvanic isolation
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Wireless communication

Band	802.11 b/g/n (2.4 GHz.)
Technology / Type	Wi-Fi

eManager ActIO

IoT programmable controllers with digital, analog inputs and relays

CODE	TYPE	CPU	Memory	Analogue Inputs	Digital inputs	N° relays	Communications	Power supply
eManager ActIO								
D201000012000	eManager ACTIO 1072	ARM Cortex A7 700 MHz	256 MB 512 MB NAND	7	10	2 (6 A)	RS232/485 Ethernet Wi-Fi	85 ... 264 V~
D301000012000	eManager Pro ACTIO 1072	ARM Cortex A7 800 MHz	512 MB 8 GB eMMC	7	10	2 (6 A)	RS232/485 Ethernet Wi-Fi	85 ... 264 V~
D301100012000	eManager Pro GPRS ACTIO 1072	ARM Cortex A7 800 MHz	512 MB 8 GB eMMC	7	10	2 (6 A)	RS232/485 Ethernet Wi-Fi GPRS	85 ... 264 V~
D301100030000	eManager Pro GPRS ACTIO 80	ARM Cortex A7 800 MHz	512 MB 8 GB eMMC			8 (2 A)	RS232/485 Ethernet Wi-Fi GPRS	85 ... 264 V~
D301200012000	eManager Pro 4G ACTIO 1072	ARM Cortex A7 800 MHz	512 MB 8 GB eMMC	7	10	2 (6 A)	RS232/485 Ethernet Wi-Fi 4G EMEA	85 ... 264 V~
D301200060000	eManager Pro 4G ACTIO 221	ARM Cortex A7 800 MHz	512 MB 8 GB eMMC		2	1 (6 A)	RS232/485 Ethernet Wi-Fi 4G EMEA	85 ... 264 V~