

X30A

- ACQUISITION MODULE AND DATA TRANSMITTER
- RS485
- 4 INPUTS AND 4 OUTPUTS
- 2 DIGITAL INPUTS

FEATURES



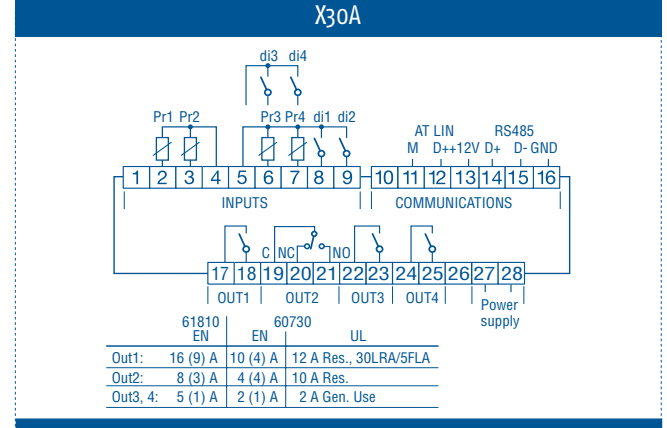
INPUTS		X30A
Four		NTC (103AT-2, 10 K Ω @ 25 °C) -50...109 °C / -58...228 °F or PTC (KTY 81-121, 990 Ω @ 25 °C) -50...150 °C / -58 ... 302 °F or Pt1000 (1000 Ω @ 0 °C) -99.9...300 °C / -99.9 ... 572 °F
Digital inputs		2 Digital inputs for free voltage contacts
Accuracy		$\pm 0.5\%$ fs + 1 digit
OUTPUTS		
Up to four		Out1: SPST-NO-16A- 1HP 250V - EN 61810: 16 (9) A - EN 60730: 10 (4)A -UL 60730: 12 A Res., 30 LRA, 5 FLA Out2: SPDT-8A-1/2HP 250 V - EN 61810: 8 (3) A - EN 60730: 4 (4) A - UL 60730: 10 A Res. Out3 : SPST-NO-5A - 1/10HP 125/250 V - EN 61810: 5 (1) A - EN 60730: 2 (1) A - UL 60730: 2 A Gen.Use Out4: SPST-NO-5A- 1/10HP- 125/250V - EN 61810: 5 (1) A - EN 60730: 2 (1) A - UL 60730: 2 A Gen.Use 12A max for plug-in version
Relay operations		According to EN 60730: Out1, Out2 30k cycles; Out3, Out4 60K cycles
FUNCTIONAL		
Serial communication		RS485 isolated, ModBus RTU (JBUS)
Baud rate		Programmable 9600, 19200 baud
Sampling rate		800 ms
GENERAL		
Power supply		12... 24 Vac/Vdc, 100...240 Vac $\pm 10\%$ (50/60 Hz)
Power consumption		6 VA approx.
Dimensions / Weight		87.5 x 28 mm, depth 71.3 mm (+12.5 or +14.5 mm according to terminal block type) / 150 g approx.
Connections		Inputs: Plug-in screw terminal block for 0.14... 1.5 mm ² /AWG 28... 16; Power supply and outputs: Plug-in or fix screw terminal block for cables 0.2... 2.5 mm ² /AWG 24... 14
Mounting		On OMEGA DIN A type
Operating/ storage temperature		0... 50°C (32... 122°F) / -30... 70°C (-22... 158°F)
Operating humidity		30...95 RH% without condensation
Conformity		Directive 2004/108/CE (EN55022: class B; EN61000-4-2: 8KV air, 4KV cont.; EN61000-4-3: 10V/m; EN61000-4-4: 2KV Power supply and relay outputs, 1KV inputs; EN61000-4-5: supply 2KV com. mode, 1 KV diff. mode; EN61000-4-6: 3V). Directive 2006/95/CE (EN 60730-1, EN 60730-2-9). Regulation 37/2005/CE (EN13485 aria/air, S, A, 1,- 50°C +90°C wheter used with NTC 103AT11 or Pt1000 class B or better

HOW TO ORDER

To compose the part number, pls. choose one of the option for each variable

X30A	CODE
POWER SUPPLY	
12... 24 Vac/Vdc	G
110... 240 Vac/Vdc	H
OUT1+OUT2	
Not available	-
Out1 Relay SPST-NO 16A + Out2 Relay SPDT 8A	R
OUT3+OUT4	
Not available	-
Out3 Relay SPST-NO 5A + Out4 Relay SPST-NO 5A	R
BUZZER (INTERNAL)	
Not available	-
CONNECTIONS	
Fix screw type (standard)	-
Plug-in screw type	E
Plug-in screw type, fix part only	N
RESERVED PART NO.	
-	-
RESERVED PART NO.	
-	-
SERIAL COMMUNICATION	
RS485	S

CONNECTIONS



DIMENSIONS

