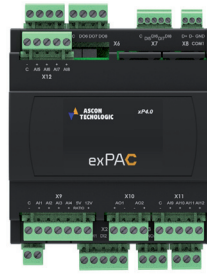


XP4 EXPAC

• REMOTE EXPANSION UNITS FOR SIGMAPAC CONTROLLERS



FEATURES

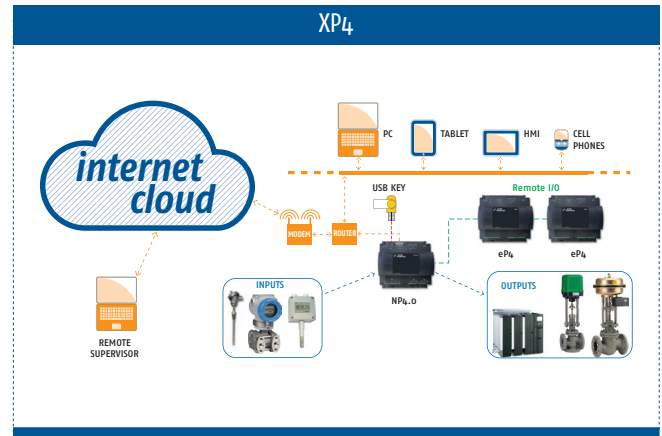
INPUTS	
	XP4
0/4 High level Analogue	Configurable between: 0... 5 V, 0... 10 V, 0/4... 20 mA 12 bit resolution Accuracy: 0.1% Input Impedance >100 kΩ; < 50 Ω (mA)
0/8 Temperature Analogue	Configurable PT1000, NTC 103AT-2 0.1°C resolution Accuracy: 0.3 % PT1000 0.5% NTC
4/8 Digital	Free voltage contacts or 12... 48 Vac/ Vdc or 90... 240 Vac Protection: reverse polarity and overvoltage Insulation for voltage signals only
OUTPUTS	
0/2 Analogue	0... 10 V 11 bit resolution Accuracy 0.3 % full scale (V)
0/2 Relay/ SSR Drive/ SSR Vac 0/6 Relay	Relay 8 A SPDT, SSR Drive 12 Vdc or SSR 1A Vac Relay 2 A SPST-NO
SERIAL PORTS AND COMMUNICATION	
Communication port	RS485 (isolated)
Protocol	Modbus RTU (Slave)
FUNCTIONAL	
Processor	ARM Cortex M3 32 bit
GENERAL	
Power Supply	24 Vac/ Vdc (± 10%) 50 Hz
Power consumption	400 mA (Vdc)
Dimensions / Weight	WxHxD. 108 x 110 x 60 mm (6 DIN module) / 512 g
Mounting	On Omega DIN A rail
Protection	IP 20
Operating/storage temperature	0... 55 °C (32... 131 °F) / -20... 60 °C (-4... 140 °F)
Operating Humidity	5... 85 RH% without condensation

HOW TO ORDER

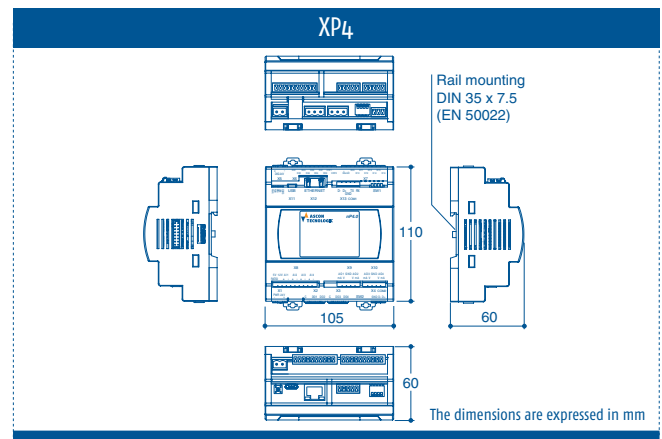
To compose the part number, pls. choose one of the option for each variable

SIGMA2 - XP4	CODE
DISPLAY	
Without display	-
DIGITAL OUTPUTS	
Not provided	-
6 relè SPST-NO 2A + 2 relè SPDT-NO 8A	R
ANALOGUE INPUTS	
Not provided	-
4 HL analogue inputs	4
8 temperature analogue inputs: PT1000, NTC	8
4 HL analogue inputs + 8 temperature analogue inputs: PT1000, NTC	F
ANALOGUE OUTPUTS	
Not provided	-
2 analogue channels 0... 10 V (not isolated)	2
DIGITAL INPUTS	
Not provided	--
8 free voltage DI	8-
4 free voltage DI + 4 DI 12... 48 Vac/Vdc	8L
FIELDBUS	
RS485 - Modbus RTU Slave	M
COMMUNICATION PORTS	
RS485 isolated with Modbus RTU Slave	4I
CASE COLOUR	
Grey	G
White	W

CONNECTIONS



DIMENSIONS



INDUSTRIAL CONTROLLERS

ADVANCED PROGRAMMER CONTROLLERS

DIN RAIL MOUNTING CONTROLLERS

THERMOSTATS ANALOGUE CONTROLLERS

SPECIAL CONTROLLERS AND "CUSTOM"

PAC SYSTEMS

PRE-PROGRAMMED SYSTEMS

PLC AND OPERATOR PANELS

TIMERS COUNTERS POWER LIMITERS

INDICATORS

I/O MODULES

SUPERVISION

COMBUSTION CONTROL

ACCESSORIES