



The XJ module family is the answer to refrigeration and retrofit field requirements. The versatile and the powerful hardware platform provides quick and easy monitoring for temperature, pressure and humidity values, as well as the user's ability to activate/deactivate the relays locally. Modules, depending on the needs, can be used as stand-alone or combined with XWEB monitoring systems for advanced management of the alarms.

- Lower installation costs
- Flexibility of installation and use
- Direct access to main functions
- Food quality
- Quick and easy programming
- Serial connection to monitoring systems



XJA

Alarms/status acquisition modules able to read up to 5 + 5 independent inputs (master + slave)



XJM

Multifunction module for inputs and outputs with management of up to 4 relays



XJR

Probes and alarms data acquisition modules able to read up to 9 different inputs



XJR

Relay module able to manage up to 4 independent outputs



XJM: I/O MANAGEMENT

- Acquisition and command module for refrigeration, air conditioning and BMS applications
- Great flexibility: all the necessary I/O types in one device
- Configurable analog inputs
- Data acquisition by means of sensors with alarm limits
- Up to 12 digital inputs for alarms, status and sensors interlock
- Pressure/temperature conversion
- Available with or without display
- Hot Key or Prog Tool Kit connector for quick and easy programming
- Serial connection to monitoring systems or BMS
- 20VA max power absorption
- Dual display with red LED (8.5mm high) and yellow LED (7.5mm high) and 17 icons

TYPICAL APPLICATIONS

Retrofit and data acquisition for:

- ◆ Cabinets
- ◆ Cold rooms with 2 evaporators
- ◆ Compressor racks up to 4 compressors
- ◆ Pulses counters

HOW to ORDER

XJM60D

X	J	M	6	0	D	-	A	B	C	0	0
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VJM60

V	J	M	6	0	-	0	0	0	0	0
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A	B	C
Power supply	Display	N° of relay
2 = 24Vac	0 = No	1 = 1
4 = 110Vac	1 = Yes	4 = 4
5 = 230Vac		

MULTIFUNCTION MODULE and KEYBOARD for INPUT and OUTPUT MANAGEMENT

XJM

XJM60D	Multifunction module for inputs and outputs with management of up to 4 relays
VJM60	Keyboard for XJM60D module



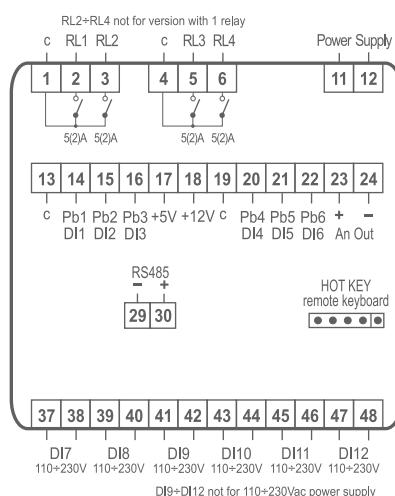
D: 4 DIN Rail

100x64mm

FEATURES	XJM60D			VJM60
First display: n° digits	4 d.p.	no display	4 d.p.	4 d.p.
Second display: n° digits	4 d.p.	24Vac	4 d.p.	4 d.p.
Power supply	24Vac	110, 230Vac	110, 230Vac	from controller
Inputs				
Probe	6 x config*	6 x config*	6 x config*	6 x config*
Digital (free of voltage)				
Digital (power supply voltage)	6	6	2	2
Relay outputs				
Configurable	1 x 5A, 4 x 5A	1 x 5A, 4 x 5A	1 x 5A	1 x 5A
Other				
Hot Key/Prog Tool Kit	pres	pres	pres	pres
Remote keyboard		VJM60		VJM60
Analog output	4-20mA/0-10V	4-20mA/0-10V	4-20mA/0-10V	4-20mA/0-10V
Serial output	RS485	RS485	RS485	RS485

* Up to 6 digital inputs or 6 x NTC/PTC/Pt1000 probe inputs or 3 x NTC/PTC/Pt1000 probe inputs + 3 x 4-20mA/0-5V/0-10V/pulse probe inputs

XJM60D





D: 4 DIN Rail



100x64mm



XJA-XJP-XJR SERIES: RELAY and ACQUISITION MANAGEMENT

- Digital inputs for local enable/disable of relays (XJR)
- Data acquisition modules suitable for collecting data from any kind of installation (XJP)
- Up to 6 inputs for NTC, PTC, 4-20mA and 0-10V and 3 digital inputs or 4 Pt100 inputs and 4 digital inputs (XJP)
- Up to 10 line voltage inputs (XJA)
- Direct line power supply 230 (110)Vac. No external transformer required
- Remote display option
- Hot Key or Prog Tool Kit connector for quick and easy programming
- Serial connection to monitoring systems
- 6VA max power absorption

HOW to ORDER

XJR

X	J	R	4	0	D	-	A	0	C	0	0
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A	C
Power supply	Buzzer
2 = 24Vac	0 = No
4 = 110Vac	1 = Yes
5 = 230Vac	

XJA-XJP30/60

X	J			D	-	A	B	C	D	E
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XJP40

X	J	P	4	0	D	-	A	B	0	R	4
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XJA50SL

X	J	A	5	0	S	L	-	A	0	0	0
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A	B	C	D	E
Power supply	Measurement unit	Alarm relay	Probe inputs	Digital inputs
2 = 24Vac	C = °C	0 = No	P = PTC	3 = 3 (only for XJP30/60D)
4 = 110Vac	F = °F	1 = Yes (only for XJA50D)	N = NTC	5 = 5 (only for XJA50D)
5 = 230Vac	N = No temperature		A = 4-20mA	6 = 6 (only for XJP30D)
			W = 0-10V	
			O = No	

KEYBOARD and RELAY MODULES and PROBE and ALARM ACQUISITION MODULES

XJA-XJP-XJR

XJA50D	Alarms/status acquisition modules able to read up to 5 + 5 independent inputs (master + slave)
XJP30D XJP40D XJP60D	Probes and alarms data acquisition modules able to read up to 9 different inputs
XJR40D	Relay module able to manage up to 4 independent outputs
KB1 PRG	Programming keyboard for XJA50D - XJP30D - XJP40D - XJP60D - XJR40D modules



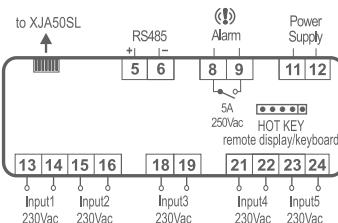
D: 4 DIN Rail

100x64mm

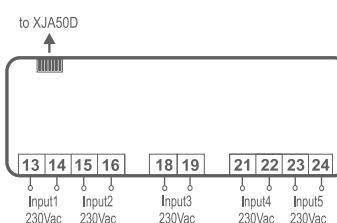
FEATURES	XJA50D	XJA50SL	XJP30D	XJP40D	XJP60D	XJR40D	KB1 PRG
Display: n° digits							± 3 d.p.
Keyboard: push buttons							6
Power supply	24, 110, 230Vac	from controller	24, 110, 230Vac	24, 110, 230Vac	24, 110, 230Vac	24, 110, 230Vac	from controller
Inputs							
Analogue			3 x NTC, PTC, 4-20mA, 0-10V	4 x Pt100	6* x NTC, PTC, 4-20mA, 0-10V		
Digital (power supply voltage)	5	5	3	4	3		
Digital (free of voltage)			3 opt		3*	4	
Relay outputs							
Alarm	5A opt						
Load						4 x no 8A/nc 5A	
Other							
Hot Key/Prog Tool output	pres		pres	pres	pres	pres	
Remote display/keyboard output	X-REP/KB1 PRG		X-REP/KB1 PRG	X-REP/KB1 PRG	X-REP/KB1 PRG	X-REP/KB1 PRG	KB1 PRG
Serial output	RS485		RS485	RS485	RS485	RS485	RS485
Serial addresses	5	5	3	4	6	1	
Buzzer						opt	

* XJP60D has 3 analogue inputs that are configurable as free of voltage digital inputs

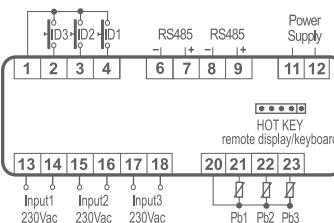
XJA50D



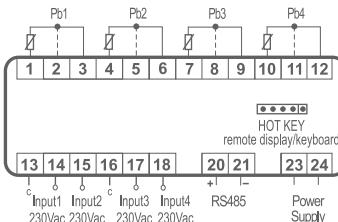
XJA50SL



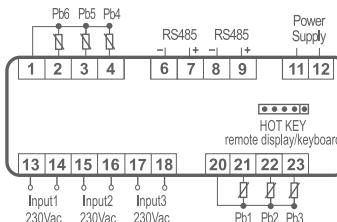
XJP30D



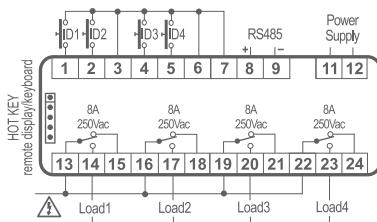
XJP40D



XJP60D



XJR40D



ACCESSORY

CAB/KB1

1m cable to connect the keyboard to the XJA-XJP-XJR modules

