

Product availability: Non-Stock - Not normally stocked in distribution facility



## Main

Range of Product	Modicon X80
Product or Component Type	Multifunction input module

## Complementary

Function Available	Hot swap
Data recording	1 ms time stamps
Time synchronisation protocol	DCF77 IRIG-B
Group of channels	4 groups of 4 inputs process input
[Us] rated supply voltage	24 V DC 19...30 V) 48...60 V DC 38...75 V) 110...125 V DC 88...156 V)
Switching voltage	125 V 1.3 mA process input 110 V 1.3 mA process input 60 V 2.5 mA process input 48 V 2.5 mA process input 24 V 6.7 mA process input
Maximum power consumption in W	4 W process input
Current consumption	30 mA 24 V DC 130 mA 3.3 V DC
Isolation voltage	2500 V DC 60 s bus to discrete input 1400 V DC 60 s bus to IRIG/DCF 2500 V DC 60 s discrete input to IRIG/DCF
Anti bounce filtering	Configurable from 0 to 255 ms
Sampling duration	0.5 Ms
Acquisition time	1 Ms
Local signalling	For firmware and module run (RUN) 1 LED (green) For status of time code input (T) 1 LED (green) For module fault (ERR) 1 LED (red) For power supply interruption (I/O) 1 LED (red) for input status (0...15) 16 LEDs
Width	1.26 in (32 mm)
Height	3.94 in (100 mm)
Depth	3.39 in (86 mm)

## Environment

Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Relative Humidity	95 % without condensation
Operating altitude	<= 13123.36 ft (4000 m)
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility
Product Certifications	CE RCM CSA EAC Merchant Navy UL
Standards	EN/IEC 61010-2-201 EN/IEC 61131-2 UL 61010-2-201 CSA C22.2 No 61010-2-201
Environmental characteristic	Gas resistant class Gx Gas resistant class 3C4 Dust resistant class 3S4 Sand resistant class 3S4 Salt resistant level 2 Mold growth resistant class 3B2 Fungal spore resistant class 3B2

## Ordering and shipping details

Category	18160 - MODICON M340
Discount Schedule	PC34
GTIN	3595864146232
Nbr. of units in pkg.	1
Package weight(Lbs)	5.40 Oz (153 g)
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.17 In (5.5 cm)
Package 1 width	4.33 In (11 cm)
Package 1 Length	4.61 In (11.7 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	15
Package 2 Weight	5.73 Lb(US) (2.6 kg)
Package 2 Height	5.91 In (15 cm)
Package 2 width	11.81 In (30 cm)
Package 2 Length	15.75 In (40 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes

RoHS exemption information	<input checked="" type="checkbox"/> Yes
China RoHS Regulation	<input checked="" type="checkbox"/> China RoHS Declaration
Environmental Disclosure	<input checked="" type="checkbox"/> Product Environmental Profile
Circularity Profile	<input checked="" type="checkbox"/> End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

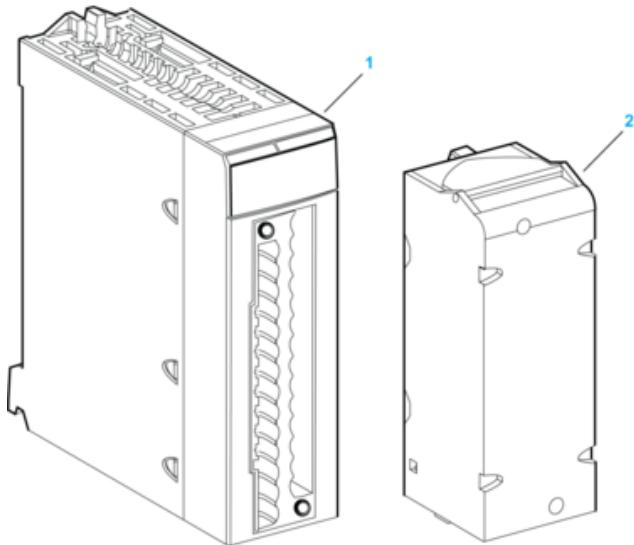
#### Contractual warranty

Warranty	18 months
----------	-----------

---

Presentation

---

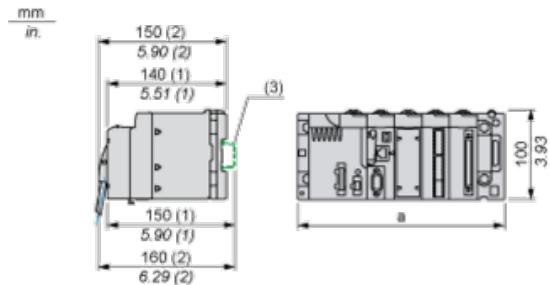


1 : Module

2 : 28-pin removable terminal block (provided separately)

Modules Mounted on Racks

Dimensions



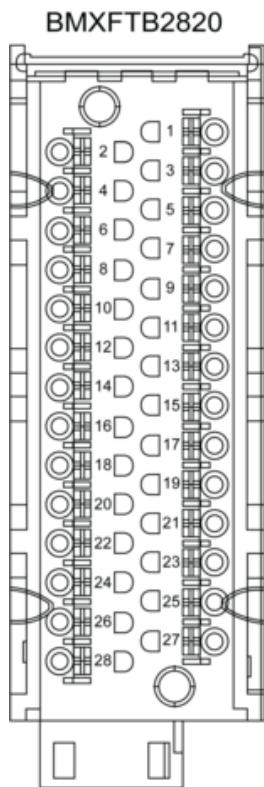
(1) With removable terminal block (cage, screw or spring).

(2) With FCN connector.

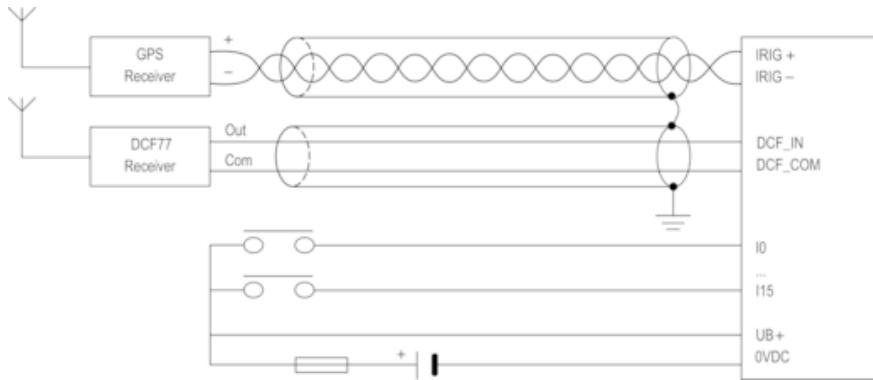
(3) On AM1 ED rail: 35 mm wide, 15 mm deep. Only possible with BMXXBP0400/0400H/0600/0600H/0800/0800H rack.

Rack references	a in mm	a in in.
BMXXBP0400 and BMXXBP0400H	242.4	9.54
BMXXBP0600 and BMXXBP0600H	307.6	12.11
BMXXBP0800 and BMXXBP0800H	372.8	14.68
BMXXBP1200 and BMXXBP1200H	503.2	19.81

Wiring Diagram



Definition	Pin Number		Definition
DCF_IN	2	1	IRIG+
DCF_COM	4	3	IRIG-
Not Connected	6	5	Not Connected
I1	8	7	I0
I3	10	9	I2
I5	12	11	I4
I7	14	13	I6
I9	16	15	I8
I11	18	17	I10
I13	20	19	I12
I15	22	21	I14
Not Connected	24	23	Not Connected
UB+	26	25	0 Vdc
UB+	28	27	0 Vdc



Product Life Status : **Commercialised**