Fişă tehnică produs

Specificatii

Modul Pto - 2 Canale - 4 Intrari - 24 V C.C. - 4,3 Ma - 2 Conectori 28 Pini

BMXMSP0200

Principale

gama de produse	Modicon X80
Tip produs sau componenta	Modul priza de putere
numar de canale	2
numar de intrari	4
tip de intrare discreta	Current sink da origin input conformitate cu IEC 61131-2 type 3 Current sink da proximity input and limit switch input conformitate cu IEC 61131-2 type 3 Current sink or source counter in position input conformitate cu IEC 61131-2 type 3 Current sink or source drive ready, emergency input conformitate cu IEC 61131-2 type 3
compatibilitate intrare	Senzor de proximitate cu 2/3 fire 19,2…30 V conformitate cu IEC 947-5-2
compatibilitate de iesire	Convertor de semnal (USIC) RS422, intrare 7 mA Intrare sursa, 5 V - 24 V
frecvenţa de ieşire	200 kHz <0,5 m with USIC and VW3M8210R05 100 kHz <5 m with the normal source input circuit 200 kHz <10 m with the RS422 compatible circuits

Suplimentare

prag de funcţionare	> 12 V no error supply voltage > 8 V error supply voltage
tensiune de intrare	24 V c.c.
curent de intrare	4,3 mA
tensiunea garantata in starea 1	>= 11 V
consum de curent	35 mA la 24 V c.c. preactuator 150 mA la 3.3 V c.c. typical 200 mA la 3.3 V c.c. maxim
stare 1 curent garantata	>= 2 mA
tensiunea garantata in starea 0	5 V
stare 0 curent garantata	<= 1.5 mA
timp de raspuns	< 200 µs for position completed input and drive ready input < 60 µs for origin input and proximity input
numar de iesiri	1 pulse output 2 ieşire auxiliară
prag detecţie tensiune dispozitiv de preacţionare	< 8 V error preactuator voltage ieşire auxiliară < 8 V no error preactuator voltage ieşire auxiliară > 14 V error preactuator voltage pulse output > 14 V no error preactuator voltage pulse output
tensiune de iesire	24 V c.c.
limite pentru tensiune la iesire	19...30 V

curent discret iesire	50 mA
curent pe canal	0,4 A
curent de fuga maxim	0,05 mA în starea 0
[Ures] tensiune reziduala	0,15 V în starea 1
timp de raspuns la iesire	1.2...1.5 ms on appearance 1.2...1.5 ms on disappearance
impedanta ohmica a sarcinii	15000 Ohm
protectie la suprasarcina de iesire	Cu limitator de curent si disjunctor electronic
protectie la scurtcircuit pentru iesire	Cu limitator de curent si disjunctor electronic
protectie fata de polaritate inversa	By reverse mounting diode on output Integrat on input
izolatieintre canale	Neizolat
izolatieintre primul si al doilea	1500 Vrms
rezistenta de izolatie	> 10 MΩ
semnalizare locala	1 LED (verde) for modul în funcționare (RUN) 1 LED (rosu) for defect extern (I/O) 1 LED (rosu) for defect intern, defectare modul (ERR) 1 LED (verde) for download (DL) 8 LED-uri (verde) for channel status (CH00) 8 LED-uri (verde) for channel status (CH01)
conexiune electrica	2 conectori cu 28 pins
format de modul	Standard
certificari produs	UE UL CSA RCM EAC Certificare navala ATEX zona 2/22 IECEx zone 2/22

Mediu

temperatura ambientala de functionare	-25…70 °C
factor de scadere a valorii nominale	Without
directive	2014/35/EU - directiva joasa tensiune 2014/30/EU - directiva de compatibilitate electromagnetica 2014/34/EU - ATEX directive
standarde	IEC 61131-2 IEC 61010-2-201 UL 61010-2-201 CSA C22.2 No 61010-2-201 IACS E10 IEC 61000-6-5, interface type 1 and type 2 IEC 61850-3, location G IEC 60079-0
caracteristica de mediu	Hazardous location class I division 2

Unitati de ambalare

Unitate de masura pentru prima forma de impachetare	PCE
Număr de produse în pachet	1
Inaltime prima forma de impachetare	5,400 cm

Latime prima forma de impachetare	11,500 cm
Lungime prima forma de impachetare	11,700 cm
Greutate colet(Lbs)	147,000 g
Unitate de masura pentru a doua forma de impachetare	S02
Numar unitati in a doua forma de impachetare	15
Inaltime a doua forma de impachetare	15,000 cm
Latime a doua forma de impachetare	30,000 cm
Lungime a doua forma de impachetare	40,000 cm
Greutate a doua forma de impachetare	2,527 kg

Garanţie contractuală

Garantie (in luni)	18

Environmental Data

Schneider Electric isi propune sa atinga nivelul Net Zero pana in 2050 prin parteneriate la nivelul lantului de aprovizionare, materiale cu impact mai redus si circularitate, prin campania „Use Better, Use Longer, Use Again” pentru a extinde durata de viata a produselor si reciclabilitatea.

Environmental Data explicate >

Cum evaluam sustenabilitatea produselor >

Amprenta de mediu

Amprenta de carbon totala pe durata de viata	**45 kg CO2 eq.**
Amprenta de carbon a fazei de fabricaţie [A1–A3]	**19 kg CO2 eq.**
Amprenta de carbon a fazei de distribuţie [A4]	**0 kg CO2 eq.**
Amprenta de carbon a fazei de instalare [A5]	**0 kg CO2 eq.**
Amprenta de carbon a fazei de utilizare [B2, B3, B4, B6]	**25 kg CO2 eq.**
Amprenta de carbon a fazei de sfârşit de viaţă [C1–C4]	**0.3 kg CO2 eq.**
Raport de mediu	**Profilul ambiental al produsului**

Use Better

Materiale si ambalare

Pachet cu carton reciclabil	**Da**
Ambalaj fara plastic	**Da**
Directiva RoHS a UE	**Conform Prin Scutire**
Regulamentul REACh	**Referinţa conţine SVHC peste prag**

Use Longer

Prelungire durata de viata

Reparare	**Nu**

Use Again

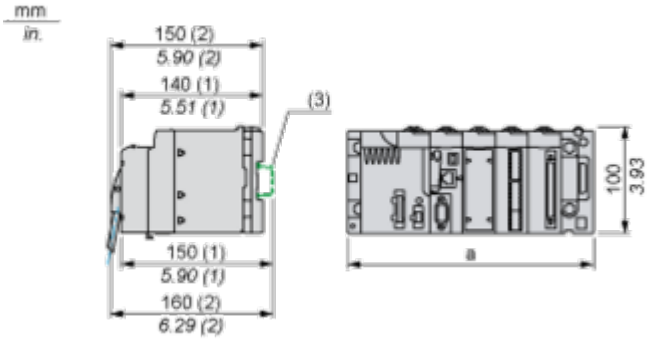
Reambalare si refabricare

Potentialul de reciclabilitate, in %	**3**
Profil circularitate	**Informatii privind sfarsitul duratei de viata**
Preluare la sfarsitul duratei de viata	**Da**

Dimensions Drawings

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	09.54
BMXXBP0600 and BMXXBP0600H	307.6	12.11
BMXXBP0800 and BMXXBP0800H	372.8	14.68
BMXXBP1200 and BMXXBP1200H	503.2	19.81

Connections and Schema

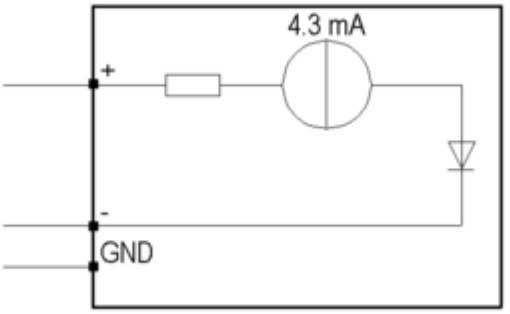
PTO Module Wiring

Auxiliary Inputs for Each PTO Channel

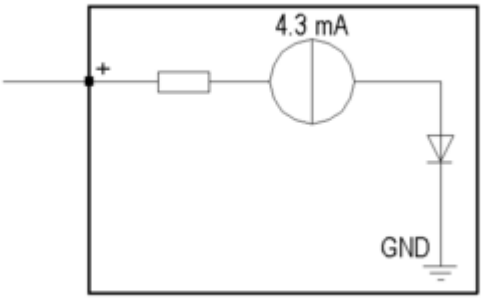
- Auxiliary Input 0: Drive_Ready&Emergency
- Auxiliary Input 1: Counter_in_Position
- Auxiliary Input 2: Origin (Signal used only for homing mode)
- Auxiliary Input 3: Proximity&LimitSwitch

Inputs Circuit Diagrams

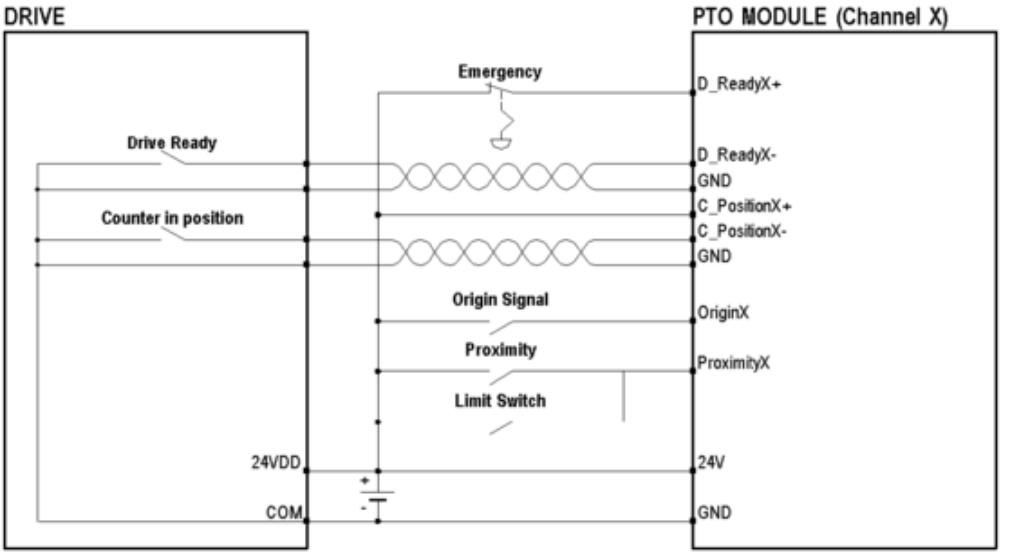
Drive_Ready&Emergency inputs or Counter_in_Position (SINK/SOURCE input type):



Origin or Proximity&LimitSwitch inputs (SINK input type):

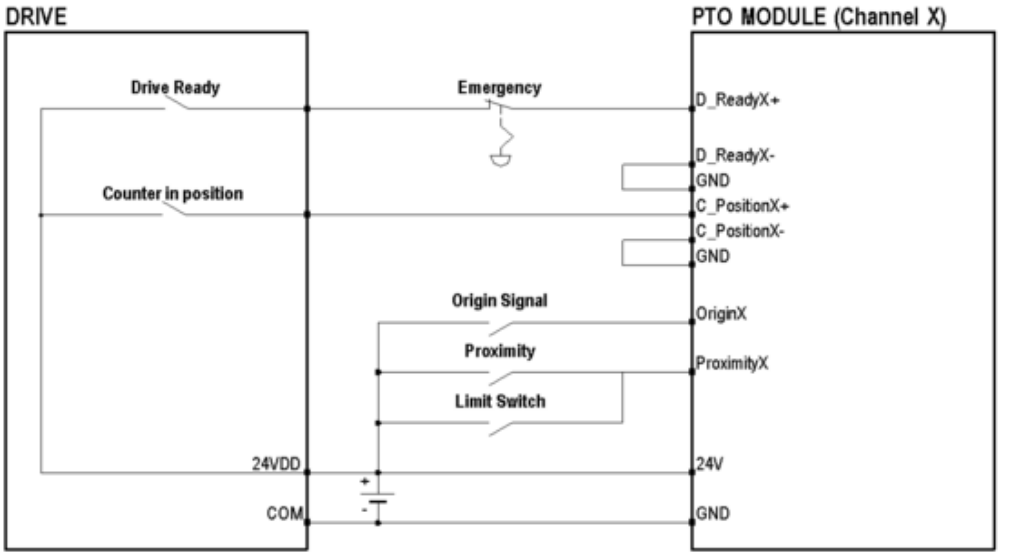


Module Connection for Drive_Ready&Emergency and Counter_in_Position of SINK type



A twisted pair cable is necessary to connect the module to the drive.

Module Connection for Drive_Ready&Emergency and Counter_in_Position of SOURCE type



NOTE: In order to stop the PTO module when the PLC is set to STOP, connect the D_ReadyX+ input to the PTO module via a BMXDRA0805 or a BMXDRA1605. This will make all outputs stop when the D_Ready&Emergency input is set to 0.

28 Pin Terminal Block Arrangements

The terminal block is arranged as followed

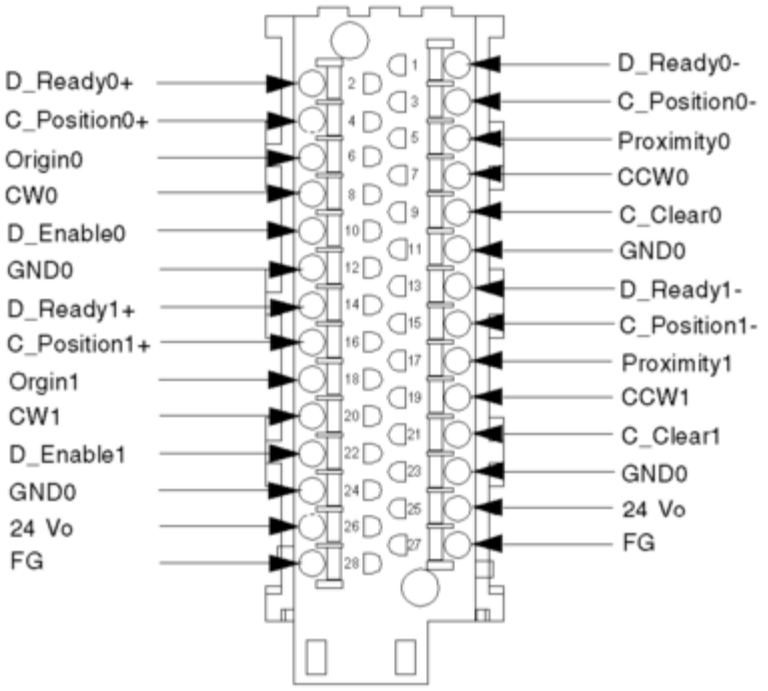

D_Ready0+
C_Position0+
Origin0
CW0
D_Enable0
GND0
D_Ready1+
C_Position1+
Orgin1
CW1
D_Enable1
GND0
24 Vo
FG
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
D_Ready0-
C_Position0-
Proximity0
CCW0
C_Clear0
GND0
D_Ready1-
C_Position1-
Proximity1
CCW1
C_Clear1
GND0
24 Vo
FG

Image of product / Alternate images

Alternative

Fişă tehnică produs BMXMSP0200


SN:XXXXXXXXXXX
PV:XX SV:XX RL:XX