



BMXP3420302 (45 020 53)

M340 CPU 4R,1024D,256A,Eth,CANopen



Last ned produktdatablad for BMXP3420302



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Finn andre produkter og
tilbehør



Finn ditt Schneider Electric verktøy

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Teknisk informasjon

 Skjul

Produktspekter	Modicon M340 automation platform
Produkt eller komponent type	Processor module
Konsept	CANopen Transparent Ready
Antall rack	<= 4
Number of slots	11
Discrete I/O processor capacity	1024 I/O multi-rack configuration 704 I/O single-rack configuration
Analog I / O-prosessorkapasitet	256 I/O multi-rack configuration 66 I/O single-rack configuration
Antall applikasjonsspesifikke kanaler	36

Komplementær

 Skjul

Styrekanaler	Programmerbare sløyfer
Bevegelseskontroll	Independent axis CANopen
Integrert tilkoblingstype	USB port 12 Mbit/s CANopen master bus SUB-D 9 20 kbit/s...1 Mbit/s 2 twisted shielded pairs Ethernet TCP/IP RJ45 10/100 Mbit/s 1 twisted pair
Kommunikasjonsmodul prosessor	2 Ethernet communication module 4 AS-Interface module
Kommunikasjonsfunksjoner	Bandwidth management, Ethernet TCP/IP Data editor, Ethernet TCP/IP Modbus TCP messaging, Ethernet TCP/IP Rack viewer, Ethernet TCP/IP SNMP network administrator, Ethernet TCP/IP Network management (NMT) CANopen Process Data Object (PDO) CANopen Service Data Object (SDO) CANopen Special functions (SYNC, EMCY, TIME) CANopen
Port Ethernet	10 BASE-T/10 0BASE-TX
Transmission rate	1 Mbit/s 0...20 m 0...0.6 m 125 kbit/s 0...500 m 0...10 m 20 kbit/s 0...2500 m 0...300 m 250 kbit/s 0...250 m 0...10 m 50 kbit/s 0...1000 m 0...120 m 500 kbit/s 0...100 m 0...10 m 800 kbit/s 0...40 m 0...6 m
Bus type	CANopen M20 DS 301 V4.02 devices linked by daisy-chaining or tap junctions CSMA/CA CANopen M20 DS 303-2 devices linked by daisy-chaining or tap junctions CSMA/CA CANopen M20 DS 405 devices linked by daisy-chaining or tap junctions CSMA/CA
Slave nummer	63 CANopen
Number of devices per segment	0...16 <= 205 m CANopen 0...32 <= 185 m CANopen 0...64 <= 160 m CANopen
Memory description	Supplied memory card (BMXRMS008MP) for activation of standard web server, class B10 Supplied memory card (BMXRMS008MP) for backup of programs, constants, symbols and data 4096 kB internal RAM 256 kB internal RAM for data 3584 kB internal RAM for program constants and symbols
Maksimal størrelse på objektområder	256 kB unlocated internal data 32634 %Mi located internal bits

Standardstørrelsen på objektområder	1024 %MWi internal words located internal data 256 %KW constant words located internal data 512 %Mi located internal bits
Applikasjonsstruktur	1 hovedoppgave skyklus/periode 1 periodisk fast task 64 event tasks No auxiliary task
Gjennomføringstid per instruksjon	0.12 μ s Boolean 0.17 μ s double-length words 0.25 μ s single-length words 1.16 μ s floating points
Antall instruksjoner per ms	6.4 Kinst/ms 65 % Boolean + 35 % fixed arithmetic 8.1 Kinst/ms 100 % Boolean
Overliggende system	0.13 ms fast task 0.7 ms master task
Strømforbruk	135 mA 24 V DC
Supply	Internal power supply via rack
Merking	CE
Status LED	1 LED grønn activity on Ethernet network (ETH ACT) 1 LED grønn integrated machine/installation bus operational (CAN RUN) 1 LED grønn processor running (RUN) 1 LED grønn status of Ethernet network (ETH STS) 1 LED rød data rate (ETH 100) 1 LED rød I/O module fault (I/O) 1 LED rød integrated machine/installation bus fault (CAN ERR) 1 LED rød memory card fault (CARD ERR) 1 LED rød processor or system fault (ERR) 1 LED Gul activity on Modbus (SER COM)
Vekt	0.215 kg

Miljø

 Skjul

Omgivelsestemperatur drift	0...60 °C
Relativ fuktighet	10...95 % uten kondens
IP-grad	IP20
Overflatebeskyttelse	TC
Standarder	CSA C22.2 No 142 EN 61131-2 IEC 61131-2 UL 508 CSA C22.2 No 213 Class I Division 2

Bærekraftig

 Skjul

Bærekraftig	Green Premium produkt
RoHS (datokode: YYWW)	Compliant - since 0901 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Produktets miljøprofil	Tilgjengelig
Destruksjons-instruks	Tilgjengelig