

Schneider Electric BMEP58CPROS3

standalone safety coprocessor, Modicon M580, SIL3

BMEP58CPROS3

Main

Range of product

Modicon M580

Product or component type

Processor module

Complementary

Current consumption

295 mA at 24 V DC

MTBF reliability

946000 H

Marking

CE

Environment

Vibration resistance

3 gn

Shock resistance

15 gn

Ambient air temperature for operation

-25...60 ° C

Ambient air temperature for storage

-40...85 ° C

Operating altitude

0...2000 m

2000...5000 m with derating factor

Relative humidity

5...95 % at 55 ° C without condensation

IP degree of protection

IP20

Directives

2014/30/EU - electromagnetic compatibility

2006/42/EC - machinery

2014/34/EU - ATEX directive

Product certifications

CE

UL

CSA

You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com

RCM
EAC
Merchant Navy
ATEX zone 2/22
IECEX zone 2/22
TÜV
Standards
EN/IEC 61131-2
EN/IEC 61010-2-201
UL 61010-2-201
CSA C22.2 No 61010-2-201
IACS E10
EN/IEC 61000-6-5, interface type 1 and type 2
EN/IEC 61850-3, location G
EN/IEC 60079-0
Environmental characteristic
Hazardous location class I division 2
Gas resistant class Gx conforming to ISA S71.04
Gas resistant class 3C4 conforming to IEC 60721-3-3
Dust resistant class 3S4 conforming to IEC 60721-3-3
Sand resistant class 3S4 conforming to IEC 60721-3-3
Salt resistant level 2 conforming to IEC 68252
Mold growth resistant class 3B2 conforming to IEC 60721-3-3
Fungal spore resistant class 3B2 conforming to IEC 60721-3-3
Protective treatment
Conformal coating
Safety level
SIL 3
PL = e
Supply
Internal power supply via rack
Status LED
1 LED (green) processor running (RUN)
1 LED (red) processor or system fault (ERR)
1 LED (green) download in progress (DL)
1 LED (green) processor in safety mode (SRUN)
1 LED (green) processor in maintenance mode (SMOD)
Net weight
0.849 kg
Packing Units
Unit Type of Package 1

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PCE

Number of Units in Package 1

1

Package 1 Height

8.700 cm

Package 1 Width

17.900 cm

Package 1 Length

25.200 cm

Package 1 Weight

843.000 g

Unit Type of Package 2

S03

Number of Units in Package 2

6

Package 2 Height

30.000 cm

Package 2 Width

30.000 cm

Package 2 Length

40.000 cm

Package 2 Weight

5.452 kg



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