GUIDE

301633

# 港迪MPOC系列PLC




GUIDE

Wuhan Guide Technology Co., Ltd.

6

027-87920068

027-87927299

www.gdetec.com

400-0077-570

2025.07

©

Copyright©Wuhan Guide Technology Co., Ltd.



# ABOUT US

301633

“ ”

“ ” “ ” “

” “ 10 ” “

100 ” “ 100 ” “ ”

“ ” “

” “

“ ”

“ ” “

” “

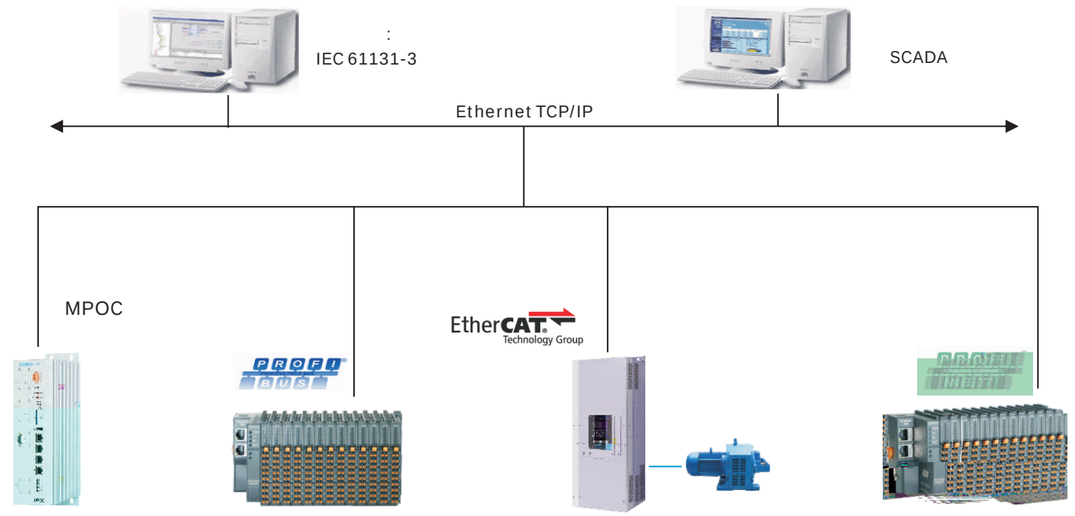
“ ”

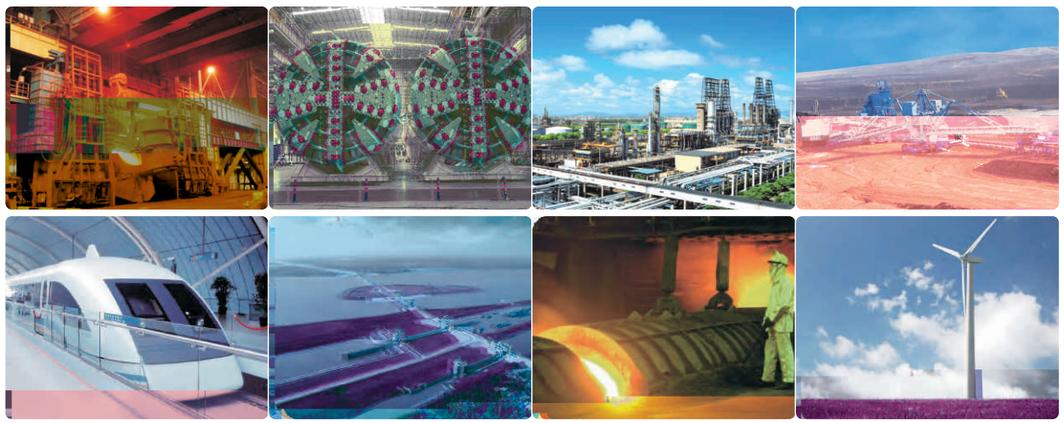




# MPOC PLC

## MPOC PLC



1ns

NVRAM

CFC SFC ST LD IL FBD

OPC HMI

Profibus EtherCAT Modbus

OPC-UA Server




# MPOC PLC

| | | |
|---|---|---|
| | | 5cm<br>5cm |
| | | -5 ~55 0.5 /min |
| | | 5%~95% |
| | | 700W/m$^2$ 70~106kPa |
| | | 2 |
| | | 2 |
| | | 3000 |
| | | 5.8m/s$^2$ 0.6g |
| | | |
| | | -30 ~60 1 /min |
| | | 5%~95% |
| | | 6 |
| | | |
| | | -30 ~60 |
| | | 40 95% |
| | | 9~200Hz 15m/s 0.6g$^2$ |

# CPU

| | |
|---|---|
| | MPOC21-B204A0-00 4 DP |
| | MPOC21-B204D1-00 4 1 DP |
| | MPOC21-B206A0-00 4 1 DP |
| | MPOC21-B206D1-00 4 1 1 DP |
| | CPU 1.2GHz 32KB L1 |
| | 512MB DDR2 |
| | 1ns |
| | 1GB |
| NVRAM | 512KB |
| | IEC61131-3 (CFC SFC ST LD IL FBD) |
| | EtherCAT,Profibus,Profinet,EthernetIP,Modbus,OPCUA |
| | ×4 |
| | ×2 |
| | USB×1 |
| | SD ×1 |
| | ProfiBus-DP / ×4 Profinet / ×8 |
| | |
| | ×1 |
| | ×1 |
| | ×1 |
| | 24Vdc±1O% |
| | 24W |
| IP | IP20 |
| | 249.8mm( )x174mm( )x81.5mm( ) |

# MPOC

## ProfiNet

| | | |
|---|---|---|
| | | ProfiNet |
| | | ProfiNet cifX Mini PCI Express PC - (AIFX-RE) |
| | | Mini PCI Express ProfiNet |
| | | Mini PCI Express |
| | | ProfiNet |
| | | 10BASE T/100BASE-TX |
| | | AIFX-RE X4 (JST BM20B-SRDS-G-TFC 1.0 mm) |
| | | 0 °C ...+55 °C ( 0.5 m/s) |
| | | 0 °C ...+70 |
| | | 10%...95% |
| | | UL 2 |
| | | xIn3Plat-Control |

## ProfiBus

| | | |
|---|---|---|
| | | PROFIBUS DP |
| | | Mini PCI Express PROFIBUS DP PROFIBUS MPI PC - PROFIBUS (AIFX-DP) |
| | | Mini PCI Express PROFIBUS |
| | | Mini PCI Express |
| | | PROFIBUS |
| | | RS-485 |
| | | PROFIBUS AIFX-DP X3 (JST 10FMN-BMT-A-TF(LF)(SN) 1.0 mm) |
| | | 0 °C ...+55 °C ( 0.5 m/s) |
| | | 0 °C ...+70 |
| | | 10%...95% |
| | | UL 2 |
| | | xIn3Plat-Control |



# EtherCAT

2 RJ45 100Mbit/s

EtherCAT
XML
32 GD11 512DI/512DO 128AI/128AO

| | |
|---|---|
| | GD11-C2ECT13 |
| | 2 RJ45 24VDC |
| | |
| | RJ45 |
| / | 24VDC 10A |
| | ≥10mA |
| +5VDC | 2A 16 GD11-PS1AA13 |
| | EtherCAT |
| | |
| | |
| | |
| | 255 |
| | |
| | |
| | |
| IO | |
| | +24V BF SF NET |
| | |
| | -20~60 , 5%~90%( |
| ( × × ) | 50×82×102 mm |
| | |

# Pofinet-RT

2 RJ45 100Mbit/s

Profinet-RT/IRT XML
32 GD11 512DI/512DO 128AI/128AO

| | |
|---|---|
| | GD11-C2PNT13 |
| | 2 RJ45 24VDC |
| | |
| | RJ45 |
| / | 24VDC 10A |
| | ≥10mA |
| +5VDC | 2A 16 GD11-PS1AA13 |
| | Profinet-RT |
| | |
| IP | |
| | 255 |
| | |
| | |
| | |
| IO | |
| | +24V BF SF NET |
| | |
| | -20~60 , 5%~90%( |
| ( × × ) | 50×82×102 mm |
| | |

# Profibus-DP

1 DB9 9.6K~12Mbps
Profibus-DP
32 GD11 512DI/512DO 128AI/128AO

| | |
|---|---|
| | GD11-C2DPT13 |
| | 1 DB9 24VDC |
| | |
| | DB9 |
| / | 24VDC 10A |
| | 32mA@24V |
| +5VDC | 2A 16 GD11-PS1AA13 |
| | Profibus-DP |
| IO | |
| IO | 32 |
| | |
| | |
| | 127 |
| | |
| | +24V BF SF NET |
| | |
| | -20~60 , 5%~90%( |
| ( × × ) | 50×82×102 mm |
| | |

Å(. dž ɐ Â ح f æ % ı ▼ # Ł œ œ

GD11-DI wellbus
32

200us

GD11-DQ wellb 0 Ç *s

| | |
|---|---|
| | GD11-DI16M13 |
| | 16 24VDC |
| | |
| | 16 |
| 5VDC | 60mA |
| | 500m |
| | |
| • | 24VD |
| • “ 0 ” | |
| • ¤ d 5 „ ح l Ď Ď | 2.5mA Á |
| | |
| • 0 1 | 2~3ms( 8 ) 4~6ms( 32 |
| • 1 | 2~3ms( 8 ) 4~6ms( 32 |
| | / |
| | 1mA |
| | 500VDC |
| | |
| • | |
| • | |
| | LED |
| | |

( Π Ĥ ı ˜ Ď ж л ¦ 6 ¤ - d ˜ ▼ #

Ł ų Ł ę ę ح ¤ ˜

§

Ψ Ψ 3 Ψ E ح f Ł Ł 3 A

GD1
32

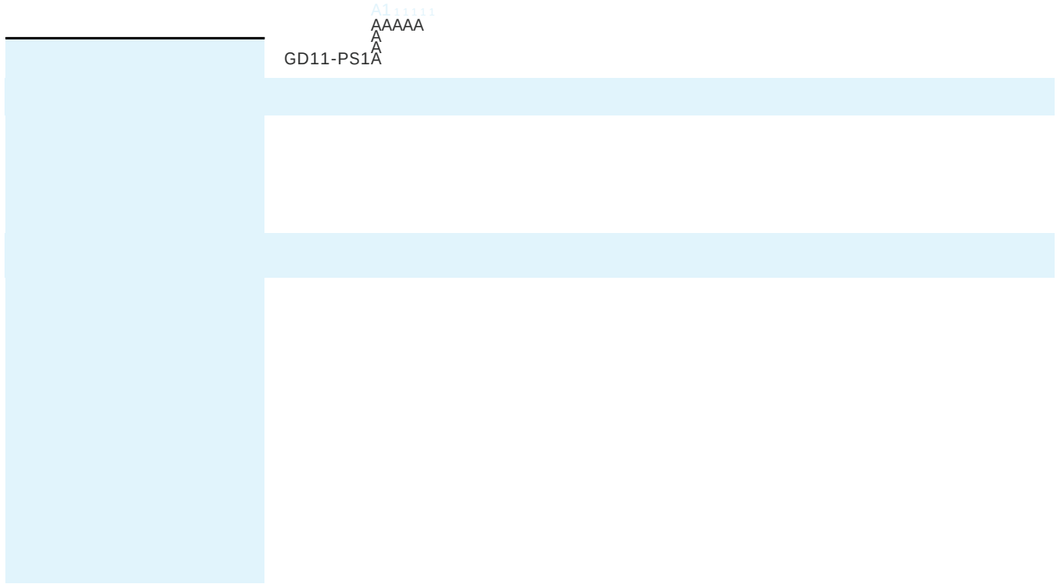
GD11-AT wellbus 32
2 4 16 8
XML

| | |
|---|---|
| | GD11-AT4RD23 |
| | 4 RTD |
| | |
| | 4 |
| | |
| 5VDC | 60mA |
| | |
| | 30VDC |
| | Pt-100Ω,200Ω,500Ω,1000Ω( α=3850PPM,3920PPM, 3850.55PPM,3916PPM,3902PM) ;Pt-10000Ω(α=3850PPM) ; Cu-9.035Ω( α=4720PPM); Ni-10Ω,120Ω,1000Ω( α=6720PPM,6178PPM) ;R-150Ω,300Ω,600 Ω |
| | Sigma -Delta |
| | -27648~+27648 |
| | |
| | 0.1 /0.1 |
| | -- |
| | 15 + |
| | 400ms |
| | 125dB AC120V |
| | 100m |
| | 100Ω |
| | ≥1MΩ |
| | ≤0.1%FS |
| | 0.05%FS |
| | -- |
| | |
| • | |
| • | |
| • | |
| | LED |
| | |
| | -20~60 , 5%~90%( |
| ( × × ) | 12×82×100(mm) |



GD11-PS 24VDC
5VDC XML
24VDC
IO 16

| | | | |
|---|---|---|---|
| | GD11-PS1AA13 | | GD11-PS1AD13 |
| | | | |
| | 24VDC(±20%) | | |
| | 5V±5% | 24VDC±20% ( ) | 24VDC±20% ( ) |
| | 2A | 10A | 10A |
| | | | |
| × × | 12×82×100(mm) | | |
| | -20~60 , 5%~90%( | | |
| | -25~+85 | | |
| | 95% | | |
| | IP20 | | |
| | 1 | | |
| | | | |


AAAAA
GD11-PS1A

# MPOC

| | | | | | | |
|---|---|---|---|---|---|---|
| 1 | MPOC21-B204A0-00 | MPOC 2.0CPU | MPOC 2.0 | 4 | | |
| 2 | MPOC21-B206A0-00 | MPOC 2.0CPU | MPOC 2.0 DP | 4 | 1 | |
| 3 | MPOC21-B204D1-00 | MPOC 2.0CPU | MPOC 2.0 1 DP | 4 | | |
| 4 | MPOC21-B206D1-00 | MPOC 2.0CPU | MPOC 2.0 1 | 4 | | DP |
| 5 | MPOC_D210 | MPOC | MP-D210 miniPCIE Vxworks | | | Intel i210-AT |
| 9 | | | | | | |
| 10 | | | | | | DC |
| 11 | GD11- | | | | | C/0.5A |
| 12 | GD11-DQ1 | | | | | |
| 13 | GD11-AI04U23 | | | | | bit |
| 14 | GD11-AI08U23 | | | | | 16bit |
| 15 | GD11-AI04I23 | G | | | | 16bit |
| 16 | GD11-AI08I23 | GD11 | | | | 16bit |
| 17 | GD11-AQ04U23 | GD11-AQ | | 4 | 16 | |
| 18 | GD11-AQ04I23 | GD11-AQ | | 4 | 16 | |
| 19 | GD11-AQ08U23 | GD11-AQ | | 8 | 16 | |
| 20 | GD11-AQ08I23 | GD11-AQ | | 8 | 16 | |