

1. Specification

Technical data	
Communication	EtherNET IP
Bus segment length (max.)	100M
Transmission medium	Twisted Pair S-UTP; 100 Ω; Cat. 5
Transmission rate	10/100Mbps, full duplex
Number of extensible modules	32
Address mapping	Yes
PDO DATA	1024 bytes
Address setting	EtherNET IP specification, DIP switch
Connection type	via pluggable connector (Spring terminal blocks)
Working voltage	24VDC (-15%~+20%)
Current without load	<350mA
Supply system voltage	5VDC
Supply system current	400mA
Supply field voltage	24V~32VDC; via power jumper contacts
Supply field current(max.)	5A
Isolation	500Vsystem/field Electrical isolation
Connection data	
Connection technology: communication/fieldbus	EtherNET IP: 2 x RJ-45
Connection technology: system supply	2 x via pluggable connector
Connection technology: field supply	6 x via pluggable connector
Connection type 1	System/field supply
Area of wire	0.2~2.5mm ² /28~14AWG
Strip length	8~9mm/0.31~0.35inches
Mounting type	DIN-35 RAIL
Material Data	
Color	light gray
Housing material	Polycarbonate; polyamide 6.6
Conformity marking	CE
Environmental requirements	
Ambient temperature (operation)	-25~60°C
Surrounding air temperature (storage)	-40~85°C
Protection type	IP20
Pollution degree (5)	2, Per IEC 61131-2
Operating altitude	without temperature derating: 0~2000m
Mounting position	Any
Relative humidity (without condensation)	5~95%RH
Vibration resistance	4g, Per IEC 60068-2-6
Shock resistance	15g, Per IEC 60068-2-27
EMC immunity to interference	Per EN 61000-6-2
EMC emission of interference	Per EN 61000-6-3
Exposure to pollutants	Per IEC 60068-2-42 and IEC 60068-2-43
Permissible pollutant concentration H ₂ S at a relative humidity < 75%	10ppm
Permissible pollutant concentration SO ₂ at a relative humidity < 75%	25ppm