PoE-compatible module

Power over Ethernet*

*The PoE(Power over Ethernet) modules receive power from Ethernet cable
(No need to prepare individual power supply)
These modules support LabVIEW as GUI
Give away free API for Windows

PoE-compatible DIO module
E-062

PoE-compatible RTD module
E-063

PoE-compatible TC module
E-064

PoE-compatible ARCNET module
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PoE-compatible DeviceNet module
E-067

Back view

PoE-compatible module

E-062 PoE-compatible DIO module

This module is DIO / Ethernet converter which can control various devices via network.

Input	Number of channels	16ch
	Input form	TTL input
	Input signal power voltage	DC+5V (maximum rating value：DC+5V)
Output	Number of channels	16ch
	Output form	Open-drain output
	Output voltage tolerance	5V (max)
	Maximum output current	25mA (max)
External supply voltage		+5V
External supply current		300mA (max)

E-063 PoE-compatible RTD module

This module can measure temperature using RTD via network.

RTD specifications

Measurement method:	3 wire system
Connectable resistance thermometer:	Pt100
Temperature input range:	-200℃～+600℃
Temperature conversion values:	16 bits
Resolution:	0.1℃
Overall accuracy (25℃)	±(0.15% of rdg + 0.7℃)
Conversion rate:	1.87Hz(Typ.) All channels
No. of temperature input points:	4 points
Pt100 sense current:	1mA

E-064 PoE-compatible TC module

This module can measure temperature using thermocouple via network.

TC specifications

Thermocouple	Measured temperature range	Accuracy
K	-100～1300℃	±(0.15% of rdg + 0.7℃)
E	-100～1000℃	±(0.15% of rdg + 0.5℃)
J	-100～1200℃	±(0.15% of rdg + 0.7℃)
T	-100～400℃	±(0.15% of rdg + 0.7℃)

Resolution: 0.1℃
Cold junction compensation accuracy : ±1℃
Conversion rate: 1.50Hz(Typ.) All channels
Number of temperature input points: 4 thermocouple temperature input points and 1 cold junction compensation temperature input point

E-065 PoE-compatible ARCNET module

This module is ARCNET / Ethernet converter which can perform ARCNET communication via network.

Number of mounted channels:	1 ch
Used controller:	COM20022I-HT
Used transceiver	

Model	Data transfer bit rate
SN75ALS1178	156.25kbps–10Mbps(non-isolated)
HYC5000	2.5M/5M/10Mbps (isolated)
HYC4000	2.5M/5M/10Mbps (isolated)
HYC2000	156.25K/312.5K/625Kbps (isolated)

E-066 PoE-compatible CAN module

This module is CAN / Ethernet converter which can perform CAN communication via network.

Number of ports:	1 ch
Transmission method:	CAN protocol Revision 2.0B
Data buffer:	Up to 16 with a 0 to 8-byte data length
Transceiver:	PCA82C250T(Philips)
Controller:	FlexCAN port with MCF5282
Isolation method:	Photo-coupler (Avago:HCPL-0720-000E)
Baud rate:	Up to1Mbps
Connector:	XM2C-0912-112 (D-SUB 9pin male connector)

E-067 PoE-compatible DeviceNet module

This module is DeviceNet / Ethernet converter which can perform DeviceNet communication via network.

Number of ports:	1 ch
Transmission method:	CAN protocol Revision 2.0B
Data buffer:	Up to 16 with a 0 to 8-byte data length
Transceiver:	PCA82C250T(Philips)
Controller:	FlexCAN port with MCF5282
Isolation method:	Photo-coupler (Avago:HCPL-0720-000E)
Baud rate:	125kbps / 250kbps / 500kbps
Connector:	HR31-5.08R-5PDL(72)

Please consult us regarding your specific custom requirements

Note: The following specifications and product appearance are subject to change for enhancement without notice.

ISO9001 Certification 4016-1995-AQ-KOB-RvA Rev.1
ISO14001 Certification 1426-1999-AE-KOB- RvA
ISO27001 Certification 01681-2006-AIS-KOB-JIPDEC

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