



### FBs-2TC

2 channels, thermocouple temperature input module with 0.1°C resolution.

Specifications

Downloads

Specification	FBs-2TC
Number of input points	2 points
Sensor type and temperature measurement range	Thermocouple Sensor: J (-200~1200°C) E (-190~1000°C) K (-190~1300°C) T (-190~380°C) R (0~1800°C) B (350~1800°C) S (0~1700°C) N (-200~1000°C) S (0~1700°C) N (-200~1000°C)
Temperature Compensation	Built-in cold junction compensation
Resolution	0.1°C
Temperature refresh time	1 or 2 seconds
Overall Precision	± (1%+1°C)
Isolation method	Transformer(power) and photocouple(signal) isolation, 500VAC, 1 minute, isolation between each channel
Power consumption	24VDC -15%/+20%, 2W max.
Wiring mechanism	3.81 mm european terminal block

## Right Side Expansion moduls



### FBs-6TC

6 channels, thermocouple temperature input module with 0.1°C resolution.

Specifications

Downloads

Specification	FBs-6TC
Number of input points	6 points
Sensor type and temperature measurement range	Thermocouple Sensor: J (-200~1200°C) E (-190~1000°C) K (-190~1300°C) T (-190~380°C) R (0~1800°C) B (350~1800°C) S (0~1700°C) N (-200~1000°C) S ( 0~1700°C ) N (-200~1000°C)
Temperature Compensation	Built-in cold junction compensation
Resolution	0.1°C
Temperature refresh time	2 or 4 seconds
Overall Precision	± (1%+1°C)
Isolation method	Transformer(power) and photocouple(signal) isolation, 500VAC, 1 minute,isolation between each channel
Power consumption	24VDC -15%/+20%,2W max.
Wiring mechanism	3.81 mm european terminal block

Right Side Expansion moduls



FBs-16TC

16 channels, thermocouple temperature input module with 0.1°C resolution.

Specifications

Downloads

Specification	FBs-16TC
Number of input points	16 points
Sensor type and temperature measurement range	Thermocouple Sensor: J (-200~1200°C) E (-190~1000°C) K (-190~1300°C) T (-190~380°C) R (0~1800°C) B (350~1800°C) S (0~1700°C) N (-200~1000°C) S ( 0~1700°C ) N (-200~1000°C)
Temperature Compensation	Built-in cold junction compensation
Resolution	0.1°C
Temperature refresh time	3 or 6 seconds
Overall Precision	± (1%+1°C)
Isolation method	Transformer(power) and photocouple(signal) isolation, 500VAC, 1 minute, isolation between each channel
Power consumption	24VDC -15%/+20%, 2W max.
Wiring mechanism	7.62 mm fixed terminal block

## Right Side Expansion moduls



FBs-6RTD

6 channels, RTD temperature input module with 0.1°C resolution.

Specifications

Downloads

Specification	FBs-6RTD
Number of input points	6 points
Sensor type and temperature measurement range	3-wire RTD sensor (JIS or DIN) Pt100(-200~850°C) Pt1000(-200~600°C)
Temperature Compensation	—
Resolution	0.1°C
Temperature refresh time	1 or 2 seconds
Overall Precision	± 1%
Isolation method	Transformer(power) and photocouple(signal) isolation, 500VAC, 1 minute, no isolation between each channel
Power consumption	24VDC -15%/+20%, 2W max.
Wiring mechanism	7.62 mm fixed terminal block

## Right Side Expansion moduls



FBs-16RTD

16 channels, RTD temperature input module with 0.1°C resolution.

Specifications

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Specification	FBs-16RTD
Number of input points	16 points
Sensor type and temperature measurement range	3-wire RTD sensor (JIS or DIN) Pt100(-200~850°C) Pt1000(-200~600°C)
Temperature Compensation	—
Resolution	0.1°C
Temperature refresh time	2 or 4 seconds
Overall Precision	± 1%
Isolation method	Transformer(power) and photocouple(signal) isolation, 500VAC, 1 minute,no isolation between each channel
Power consumption	24VDC -15%/+20%,2W max.
Wiring mechanism	7.62 mm fixed terminal block

## Right Side Expansion moduls



### FBs-6NTC

6 channels, NTC temperature input module with 0.1°C resolution.

Specifications

Downloads

Specification	FBs-6NTC
Number of input points	6 points
Sensor type and temperature measurement range	NTC sensor 10 KΩ at 25°C, B optional -20~100°C
Temperature Compensation	—
Resolution	0.1°C
Temperature refresh time	2 or 4 seconds
Overall Precision	±1% of full scale at 25°C
Isolation method	Transformer(power) and photocouple(signal) isolation, 500VAC, 1 minute, no isolation between each channel
Power consumption	24VDC -15%/+20%, 2W max.
Wiring mechanism	7.62 mm fixed terminal block