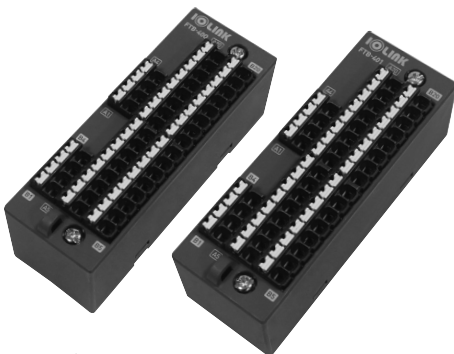


FTB Series PLC Front Terminal with F-40 Connector

User's Guide



Thank you for purchasing product of SAMWON ACT.
Please check model of product that you purchase first, and read this manual prior to use it.

• Caution for safety

- Warning** Case that results in serious damage in human body or equipment, and fire if user handles this equipment wrongly
- Caution** Case that results in slight damage in human body or equipment, and fire if user handles this equipment wrongly

• Warning

- When machining and wiring the mounting hole, do not allow foreign matter such as dust or wire covering to enter the connection terminal.
Failure to do so may result in damage to the unit, heat, or ignition.
- Be sure to shut off the power supply from the outside before mounting and wiring.

* The connection cable for PLC of various makers is provided by us. Please refer to the catalogue or contact Head or branch office if you need more detail models and specifications.

• Caution

- Use within the specified temperature range. (-10°C ~ +50°C)
Damage to the outer case may occur.
- Use within the specified rated voltage and rated current range.
This may result in fire or damage to the product.
- Read this user's guide which is attached to product, and check product's ratings, specification, wiring diagram and how to handle prior to use.

• Model configuration

FTB - 40□

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- F-40 connector conversion terminal
- No. of connector pin
- Connector direction and applicable PLC

• Applicable PLC

Model	Applicable PLC maker	Series	Card Model					
			Input card		Output card		High speed counting card	
FTB-40Q	MITSUBISHI	Q	QX41	QX71	QY41P	QY71	QD62	QD63P6
			QX41-S1		QY41H		QD62E	QD64D2
			QX41-S2				QD62D	QD75D1(N) QD75D2(N) QD70P4
FTB-40I	MITSUBISHI	iQ-R	RX41C4	RX61C6HS	RY41NT2P	RY41NT2H	RD62P2	RD62P2E
			RX41C6HS	RX71C4	RY41PT1P	RY41PT2H	RD62D2	RD75P2
	LS ELECTRIC	XGT	XGI-D24A	XGI-D24B	XGQ-TR4A	XGQ-TR4B	-	XGF-PD1H XGF-PD2H XGF-PO1H XGF-PO2H
FTB-403	LS ELECTRIC	XGT	-	-	-	-	XGF-HO2A XGF-HD2A	XGF-PD1A XGF-PO1A

• General specification

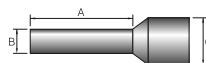
Rated voltage	24V DC
Rated current	1A
Insulation resistance	100MΩ or more (500V DC)
Withstand voltage	500V AC 1min
Suitable wire	Solid wire
	Stranded wire
Ambient temperature	-10°C ~ +50°C (No condensation)

- * When using stranded wire, be sure to use ferrule.
- * When using 1.5mm² stranded wire, recommended to use a rod-type terminal.

• Material

Case	PBT
Board	Epoxy 1.6t
Terminal	LCP
Pin header	Cu alloy

• Selection of ferrule (when using stranded wire) • Suitable tool



AWG/mm ²	DIN46228	Other	A(mm)	B(mm)	C(mm)
20/0.5	White	White/Orange	8.0	1.3	3.2
18/0.75	Gray	Blue/White	8.0	1.5	3.4
17/1.0	Red	Red/Yellow	8.0	1.7	3.6

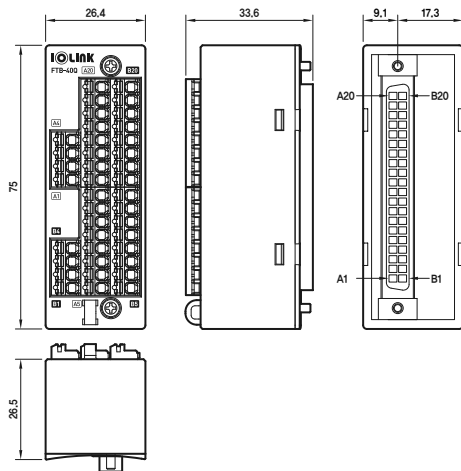
- Driver



± 2.5mm ± 0.35~0.51

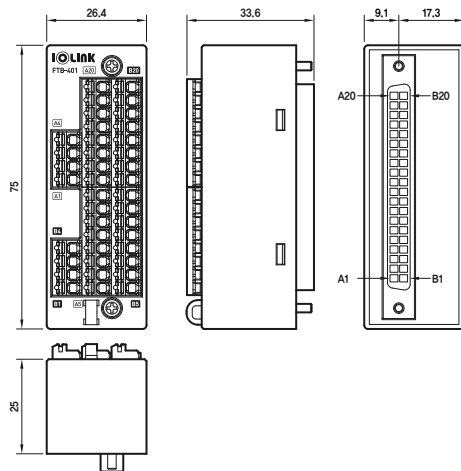
● FTB-40Q

• Dimension



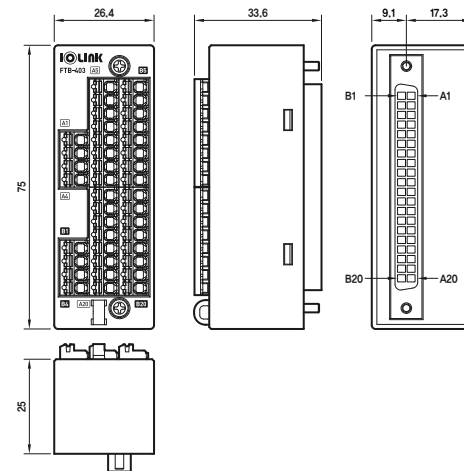
● FTB-40I

• Dimension

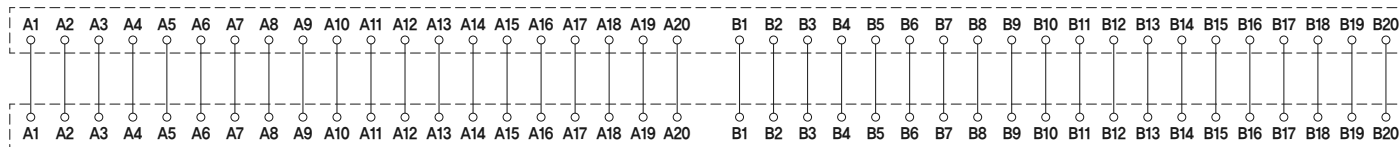
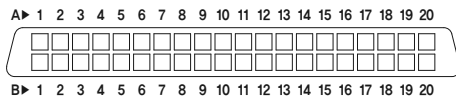


● FTB-403

• Dimension



• Wiring diagram



● The above specifications are subject to change without notice.

● Please contact HQ or branch office where you purchased product for A/S of this product or technique.