

# Intelligent transmitter (iT) accessories

The Intelligent Transmitter series of vibration transmitters, vibration alarms, and communication modules can be used to implement online vibration monitoring and simplified machinery monitoring and alarming. 4-20 mA output can be sent directly to the facility's existing PLC or DCS for the most cost effective continuous vibration monitoring. Some of the most common processes to benefit from iT products are pharmaceutical, food and beverage, brewing, water and wastewater, petrochemical, pulp and paper, and power generation facilities.

## TBUS connectors



iT031



iT033



iT034



iT035

### TBUS connectors

TBUS connectors are used to connect an iT Transmitter module to an adjacent alarm or communications module on the DIN-rail. The connection is needed in order to transfer data between iT100/200/300 series and iT400/500 series modules.

Model	Size	Compatible modules
iT031	17.5 mm	iT100/200 series
iT032	22.5 mm	iT400 series

### TBUS extenders

Extenders are used to gain access to the TBUS lines of a module. They are used with standalone iT401 modules. They are the only means of supplying power to an iT401 when not coupled to an iT transmitter or another iT401.

Model	Position extends	Connector type	Cable entry
iT033	8 mm	male receptacle	left side horizontally
iT034	8 mm	female plug	right side horizontally
iT035	12 mm	female plug	right side vertically

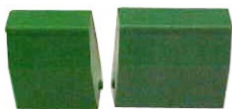
## Terminal connectors



Terminal connection plugs are supplied with all iT series modules and are for purchase of spare plugs.

Model	Position	Compatible unit size	Compatible modules
iT041	3	17.5 mm	iT100/200 series
iT042	4	22.5 mm	iT001/002/004 and iT400 series

## Covers



The cover is a "blank" which is set on the space in the connector block where no terminal connection exists. Covers can be placed over unused connectors.

Model	Position	Compatible unit size	Compatible modules
iT043	3	17.5 mm	iT100/200 series
iT044	4	22.5 mm	iT001/002/004 and iT400 series

For more information or to place an order, email [info@wilcoxon.com](mailto:info@wilcoxon.com) or call 1 800 WILCOXON

# DIN rail mounting equipment

## Terminal block

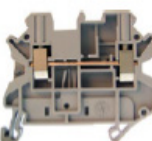
iT053



iT057  
iT054



iT055



iT056



Model	Size	Type	Description
iT053	5 mm	end stop	DIN rail mounted end-stops are used to keep mounted modules and blocks on the DIN rail from sliding.
iT054	6.2 mm	fused terminal block	A fused terminal block is used to pass the AC mains line connection to the power supply. In the US, this is usually the black wire for single phase power. The removable pull fuse can be used as a local point to disconnect when service is required within the DIN box.
iT055	6.2 mm	unfused terminal block	An unfused terminal block is used to pass the AC mains neutral connection to the power supply. In the US, this is usually the white wire.
iT056	6.2 mm	ground terminal block	Terminal block includes clamp to ground DIN rail and can be used as end-stop. This block is used to pass the AC mains ground connection to the power supply. In the US, this is usually the green wire. The block has no disconnect pull or fuse.
iT057	5 mm	fuse holder	Spare fuse holder used in the iT054. The iT054 is shipped with one iT057.
iT058	N/A	marker strip	Zack strip with custom "L N G" labeling (for Line, Neutral, and Ground) to use with iT054/055/056. Labels have the standard terminology for AC mains connections.

## Fuses



Fast blow, glass fuses are used with iT power supplies, and fit into the iT057 fuse holder.

Model	Size	Amp	Compatible power supply
iT061	5 x 20 mm	2.5	iT001
iT062	5 x 20 mm	5	iT002
iT064	5 x 20 mm	10	iT004

## Lead extractor



The lead (shield) extractor is a tool to aid in removing wires from braided shield cables. The tool speeds the preparation of the ends of braided shielded cables for wiring terminations. The lead extractor tools are sized to the outer diameter of cables.

Model	Wire size	Compatible cabling
iT074	<0.100" OD	J5A, J6, J8, J61, J81, J81S
iT075	<0.130" OD	J9A, J9T2, J9T2A, J9T2AS, J9T3, J10, J11

## Screwdriver



Model	Description
iT077	Small screwdriver for use with the module terminal block screws, large grip and small shank

## Power cord



Model	Description
iT099	120 VAC, 6' power cord (US outlets), uses standard 120 VAC 3-prong plug termination



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.