

# 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   |

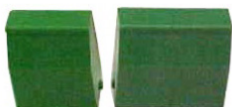
## Terminal connectors



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



| 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 |



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#### Как с нами связаться

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