NEW PRODUCT

Large Current Applicable Connector

TBX connector

Solderless terminal one-touch connecting type

With screwing type panel lock

Target market
Elimination of screwing from terminal block

One-touch operation
Solderless terminals inserted into the block are fixed by means of engaging the retainer.

Screwing/ Re-screwing is not required
Loosening of screw over time does not happen. So periodical re-screwing is not necessary.

Branching
Depending on the application, branching up to three is possible.

Variation of circuit numbers / Panel lock
Multiple blocks can be connected. Panel lock with a screw hole can be used to attach the block to a board.

Specification

- Wire: Heat-resistant cross-linked polyethylene
  Rated voltage 600V / 105°C  8sq
- Solderless terminal: R8-5
- Rated current: 40A

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Current-carrying path

The both ends have two slots (four per a block) to insert terminals. Inserted terminals make short-circuit inside the block.

(Example of terminal insertion)
In ⇔ Out : Insert terminals to the upper (or lower) slots of the both sides.
In ⇔ Out : Insert terminals to the both upper and lower slots of the one side and the upper slot of the other side.
In ⇔ Out : Insert terminals to the upper and lower slots of the one side.

*1: Solderless terminals can be disconnected only when the retainer is fully open.