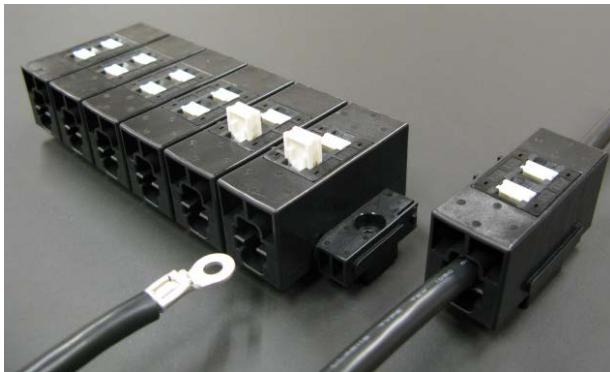


NEW PRODUCT

Large Current Applicable Connector

TBX connector

Solderless terminal one-touch connecting type



With screwing type panel lock

■ Specification

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

■ 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.

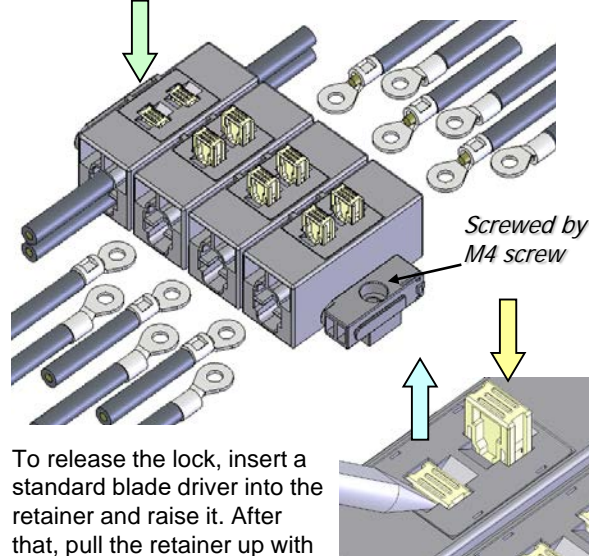
● Screwing/Re-screwing is not required

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.

Lock by pushing the retainer in.

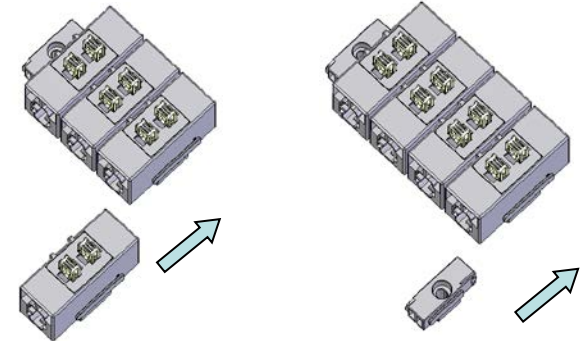


To release the lock, insert a standard blade driver into the retainer and raise it. After that, pull the retainer up with fingers to fully open to disengage. *1

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

● Variation of circuit numbers / Panel lock

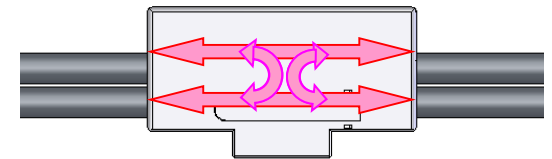
Multiple blocks can be connected. Panel lock with a screw hole can be used to attach the block to a board.



Combine single housings to make necessary number of circuits

Able to attach panel lock as needed

■ 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.

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