Waterproof BOX TERMINAL
BOXTS series

BOXTS-3, BOXTS-3A (with terminal block)
BOXTS-N, BOXTS-NA (without terminal block)

NEW
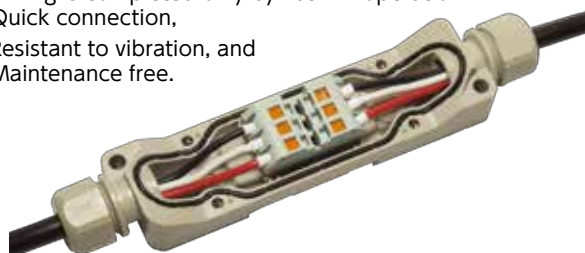
TOGI

RoHS Compliant
RoHS2

IP67

BOXTS-3A

- ◆ Built-in terminal block is Push-In type
- ◆ Industry-minimum class width **27.5**mm
- ◆ The used resin is PBT with excellent oil resistance and chemical resistance.

Wiring

Wiring is completed only by Push-In operation.
Quick connection,
Resistant to vibration, and
Maintenance free.

Terminal block is detachable.
You can remove it as necessary and use it.

Up-screw design to prevent screws from dropping and lost
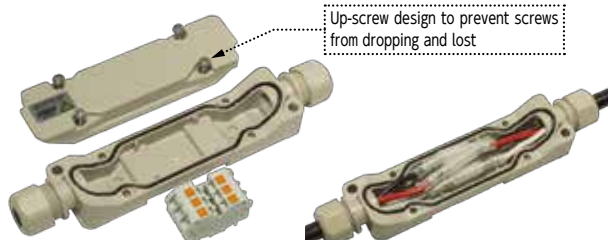
Terminal block model no: BVT5-3 | Example of wiring with no terminal block

Optional mounting method

Otherwise than a standard mounting method, you can easily mount on an aluminum frame etc, by removing the knockouts inside of the BOXTS-series.

Corresponding to DIN Rail.

Screw-less design realizes industry-minimum width **27.5**mm
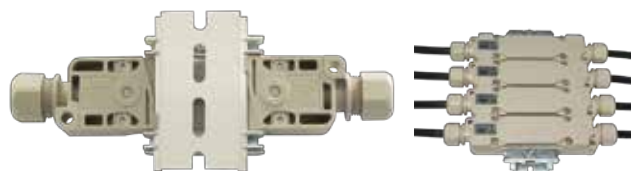
■ Order format

BOXTS-※□

※=3, N (3: with terminal block / N: without terminal block)
□=Diameter of applicable cable ([Blank] or [A])see below table

Model No.	With/Without TB	Overall out side diameter of the applicable cable	Standard accessories	Mass
BOXTS-3	YES	φ3.5～φ7.3	sleeve φ5.3（2PCS） Name label（1）	61g
BOXTS-3A		φ4.0～φ5.3 φ6.0～φ9.0	sleeve φ5.3（2PCS） sleeve φ7.5（2PCS） Name label（1）	59g
BOXTS-N	NO	φ3.5～φ7.3	sleeve φ5.3（2PCS）	53g
BOXTS-NA		φ4.0～φ5.3 φ6.0～φ9.0	sleeve φ5.3（2PCS） sleeve φ7.5（2PCS）	51g

● Short Bar for COM (model no. SBVT5-3) is also available as an option.
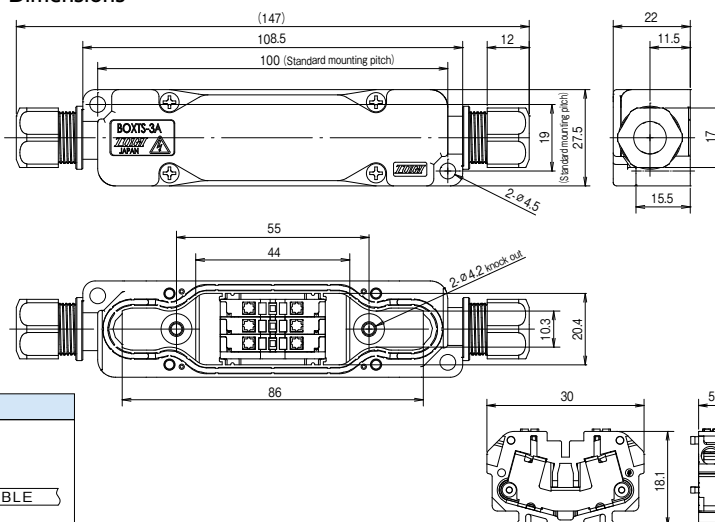
TOYOGIKEN CO.,LTD.

Rating

No. of poles	3poles
Rated voltage/ Rated current	250V・15A
Insulation resistance	100MΩ or more（DC500V）
Withstand voltage	AC 2000V / min
Overall out side diameter of the applicable cable	BOXTS-3,-N　：φ3.5～φ7.3 BOXTS-3A,-NA：φ4.0～φ5.3 φ6.0～φ9.0
Ambient temperature	−25℃～+60℃ （No freezing and condensations）
Protection Rating	IP67

Dimensions

Applicable ferrule and wire for terminal block

Ferrule	Standard	Solid
0.25mm²～1.5mm² / AWG24～AWG16 based on DIN46228-4 8～10mm　MAX φ4	0.08mm²～1.5mm² / MAX AWG28～AWG16 9～10mm　CABLE	φ0.5～φ1.6 9～10mm　CABLE

Wires with the coated outer diameter of φ4 or more can not be used.
Use ferrule properly under instruction of each maker

■ Materials

BOX
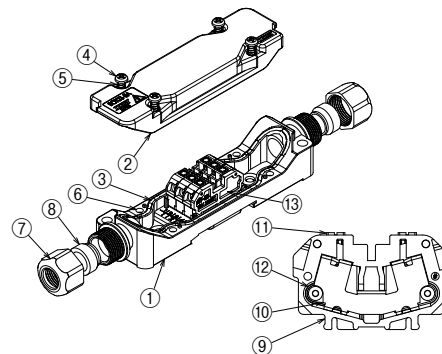
①Body	PBT
②Top cover	PBT
③Gasket	NBR
④Screw	SUS
⑤Spring	SUS
⑥Nut	Copper alloy
⑦Cap	PA
⑧Sleeve	NBR

Terminal Block

⑨Insulation body	PA
⑩Conductive plate	Copper
⑪Button	PA
⑫Spring	SUS
⑬End plate	PA

■ Operating precautions

● Remove the knock out when you use with aluminum frames.
● Remove the knock out with tools (shaft φunder 4mm) on a flat table.
● Use O-ring to keep BOXTS waterproof after removing knock out.
● Stopper needed to fix BOXTS on a mounting rail.
● Some types of fixing rail screws may be an obstacle to mounting BOXTS on a rail.
● Do not use outdoors and under the direct sunlight.

VEGETABLE OIL INK