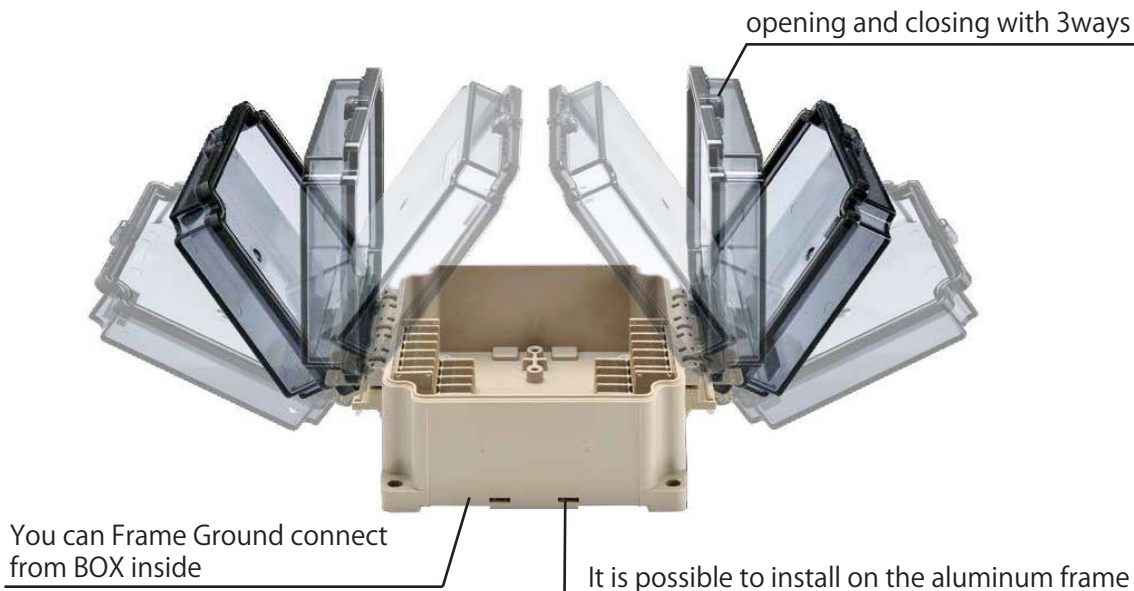


BOXTH Series



<Specifications>

Rated voltage	AC,DC 600V	
Rated current	15A	
Insulation resistance	100MΩ or more (DC500V)	
Withstand voltage	AC 2500V / min	
Applicable wire	2.0mm / MAX	
Tightening torque	Terminal Screw	0.8~1.4N·m
	Lid	1.0~1.2N·m
Protection Rating	IP67	
Ambient temperature	Ivory: -40°C~+80°C	
	Clear/Smoked: -40°C~+65°C (No freezing and condensations)	
Relative humidity	45%~85%	

<Materials>

Main body	PBT	UL94V-0
Lid	PBT (Ivory)	UL94V-0
	PAR (Clear/smoked)	UL94V-2
Gasket	Formed urethane	These are already in the lid.
Nut	Brass (Ni plating)	These are already in the lid.
Hinge	Nylon 66 (Beige)	UL94V-0
Screw	SUS	These are already in the lid.
Spring	SUS	These are already in the lid.

<Chemical resistance>

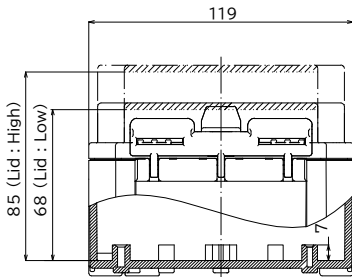
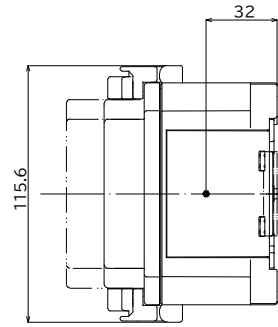
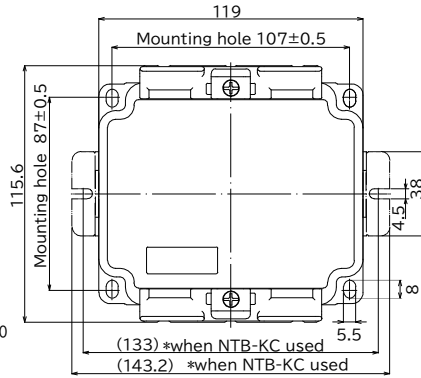
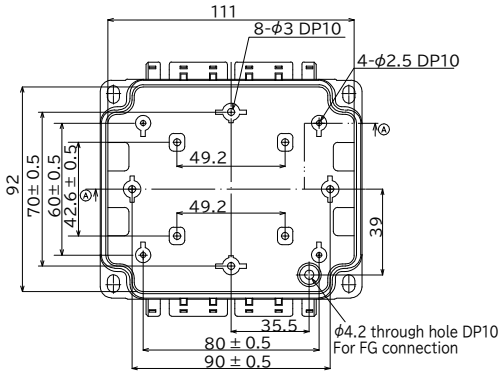
Liquid solution	Lid: Ivory	Lid: Clear/smoked	Liquid solution	Lid: Ivory	Lid: Clear/smoked
Water	◎	○	Ethylene glycol	◎	○
Mineral oil	◎	○	Ester	△	×
Heating oil	○	○	Halogenated hydrocarbon	△	×
Gasoline	△	○	Phenol	×	×
Anti-corrosion oil	◎	○	Cresol	×	×
Vegetal oil	◎	○	Liquid ammonia	×	×
Acetone	△	×	Oxygenated water	○	○
Benzene	△	×	Weak acid	◎	○
Carbon tetrachloride	△	○	Strong acid	△	△
Alcohol	◎	○	Weak alkali	△	△
Acetic Ether	△	×	Strong alkali	×	△

◎...High resistance, and non-degrade
○...little change the weight, and usable according to condition

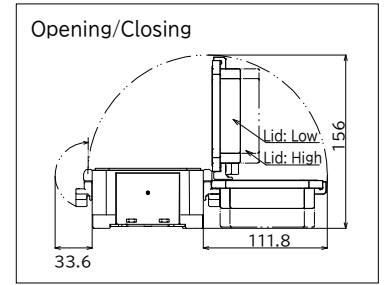
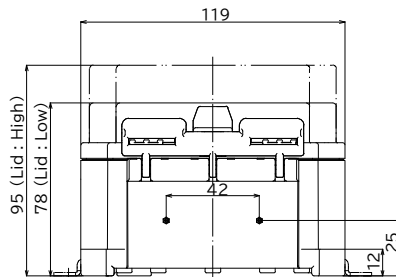
△...change the weight and dimension, but usable for a short time
×...It is difficult to use because of swelling and melting

■ **BOXTH-1LB / BOXTH-1LC / BOXTH-1HB / BOXTH-1HC**

IP67



A-A

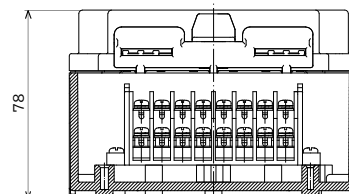
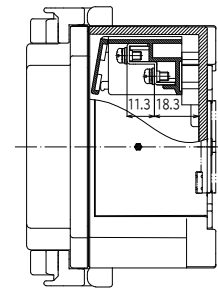
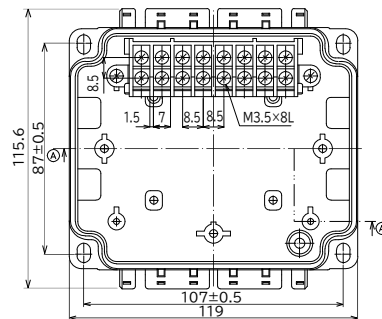


■ **BOXTH-1LB-A (with Terminal block 8P)**

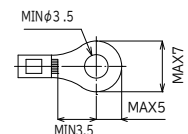
600V / 15A / 2mm² [Screw size M3.5]

<Dimension of Terminal block>

IP67



<Applicable crimp terminal>



<Applicable Short bar>

BB8.5-2, 4, 8 (see P.20)