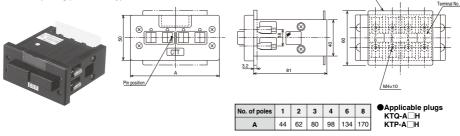


## **STANDARD MODELS (TERMINAL)**

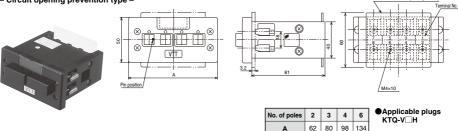
## KTT-AW Mumber - Color (For current)

- Circuit opening prevention type -



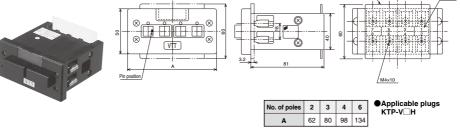
#### KTT-VW Number of poles - Color (For voltage)

- Circuit opening prevention type -



## KTT-VS Inter - Color (For voltage)

Power-source contact prevention type –



## Combinations of test terminals and plugs, and applications

Test terminal	Test plug	Application			
KTT-AW	KTQ-A⊟H	Combination of circuit disconnection prevention types (Recommendation)			
	KTP-A $\Box$ H	Combination of circuit disconnection prevention types (Recommendation)			
KTT-VW	KTQ-V⊟H	Combination of circuit disconnection prevention types (Recommendation)			
KTT-VS	KTP-V H	Combination of power-source contact prevention types (Recommendation)			

#### Precautions on use

●To insert a test plug, be sure to lock the relay. ●If another power source is used when a voltage circuit is tested, select the combination of KTT-VS □ and KTP-V□H to prevent any contact with the test power source.

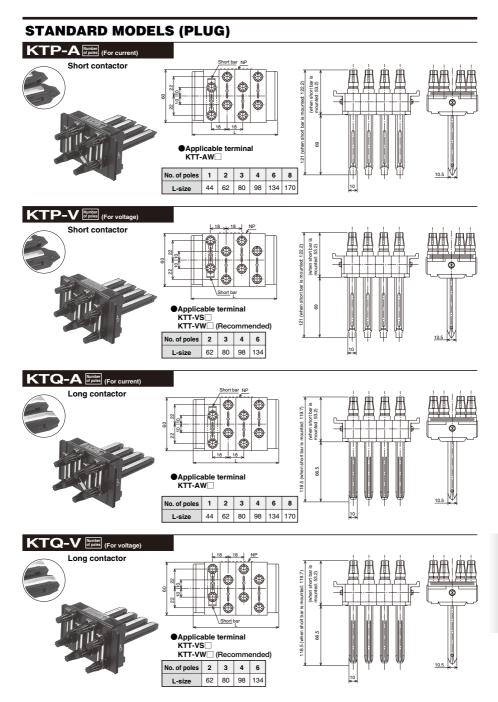
al cover (transparent)

er (transparent)

sparent)

Terminal No

- In order to prevent any contact with the test power source, be sure to turn OFF the power switch when inserting a plug.
- ●For the purpose of preventing a momentary circuit disconnection. Combination of KTT-AW□ and KTQ-A□ H are recommended for high contact reliability.





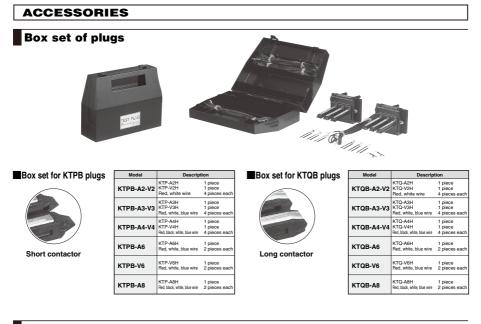
## JUMPERS SUPPLIED WITH TEST PLUGS

#### The quantities of jumpers supplied are shown as below:

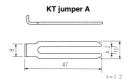
Model	KTP-A / KTQ-A					KTP-V / KTQ-V				
Jumper No. of poles	1P	2P	3P	4P	6P	8P	2P	3P	4P	6P
KT jumper A	—	2	3	4	6	8	2	3	4	6
KT jumper B	—	1	2	3	5	7	_	_	—	—

#### KT jumper A

KT jumper B



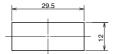
## Jumper



Jumpers are supplied as standard equipment.



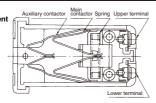
## Nameplate for usage display [common to KTT and ATT]



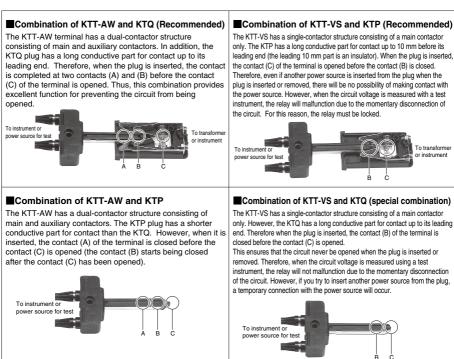
The material is single-side coated paper (white). (Ordering unit: 100 pieces)							
Indicated character	CT secondary	econdary PT secondary GPT secondar		GPT third	Blank		
Code	PT2RY	VT2RY	GPT2RY	<b>GPT3RY</b>	CT2RY		

## STRUCTURES AND EACH COMBINATION CHARACTERISTIC

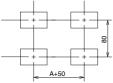
Diagram of contactor for current (KTT-AW iκττ-vw⊡

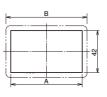


When a plug is inserted and the auxiliary contactor is opened, the main contactor will not be opened. The auxiliary contactor closes before the plug releases the main contactor. Either the auxiliary contactor or the main contactor always make circuit with a plug, preventing the CT circuit opening.



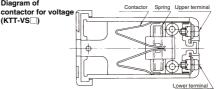
## PANEL CUTOUT DIMENSIONS





Size	1P	2P	3P	4P	6P	8P
Α	36	54	72	90	126	162
в	44	62	80	98	134	170
						(mm

Diagram of



When the plug is inserted, the contactor is opened. This state will be maintained until the contactor makes contact with the contact point of the plug. This eliminates the possibility of making contact with the power source.

leading end (the leading 10 mm part is an insulator). When the plug is inserted, plug is inserted or removed, there will be no possibility of making contact with

# To transformer or instrument

#### Combination of KTT-VS and KTQ (special combination)

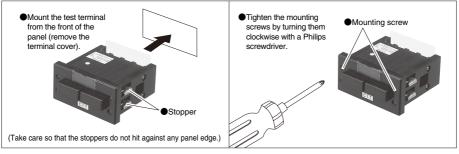
only. However, the KTQ has a long conductive part for contact up to its leading

instrument, the relay will not malfunction due to the momentary disconnection of the circuit. However, if you try to insert another power source from the plug,



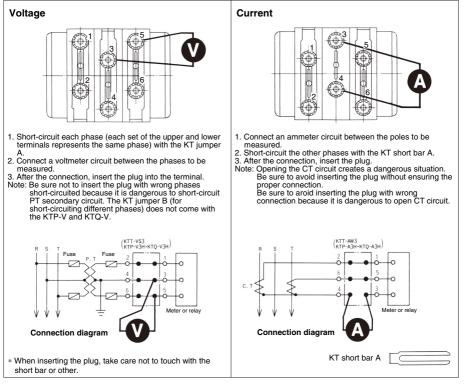
## **DIRECTIONS FOR MOUNTING**

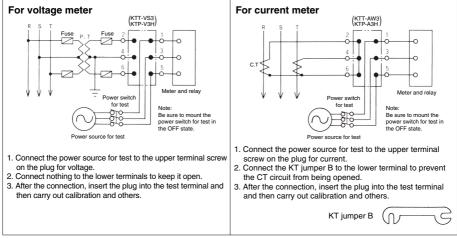
#### Mounting procedure



## **OPERATING INSTRUCTIONS**

#### Measuring current and voltage





## Calibrating a meter and testing a relay with the test power source

Note: Before connecting the power source for test, carefully check that it is connected to the correct terminals (not the vertically reverse ones). To inset the plug, be sure to turn OFF the power switch.

#### Checking for electrical discontinuity or breakdown in internal wiring of board

