



TKB-TS • TKB-HR-LV • TKB-HR-24 • TKB-MA

- This box has a plastic waterproof casing (IP66) and, when connected to an immersion-type water level meter, serves as a relay between the measuring and control devices of the control panel.
- Three types are available: terminal block connection, built-in arrester, and 4-20 mA meter display.
- The casing has a silica gel container built in it for dew condensation prevention.
- The waterproof casing has a vent filter for atmospheric relief, which enables atmospheric relief of the water level meter.
- Cabling can be performed easily using waterproof cable glands.



Terminal block specifications

Model	TKB-TS
Operating temperature range	- 20 to 60°C
Outer diameter of the cable used	φ 4 to 8
Number of cables connected	4 (4 pairs)
Connection method	Screw terminal block (M 3 × 8L)
Casing	Waterproof (IP66) Material : Polycarbonate + ABS resin
External dimension / Weight	82 (W) × 162 (H) × 55 (D) mm Approx. 380g
Cable gland	2 waterproof glands (IP68) Main unit material : Polyamide
Vent filter	Main unit material : Polyamide Filter : PTFE
Terminal block specifications	Ratings : 250V 15A Insulation resistance: 500 VDC 200 M Ω or more

Arrester specifications

Model	Voltage type : TKB-HR-LV Current type : TKB-HR-24
Operating temperature range	- 5 to 55°C
Outer diameter of the cable used	φ 4 to 8
Connection method	Screw terminal block (M 3 × 8L)
Casing	Waterproof (IP66) Material : Polycarbonate + ABS resin
External dimension / Weight	127 (W) × 175 (H) × 100 (D) mm Approx. 850g
Cable gland	2 waterproof glands (IP68) Main unit material : Polyamide
Vent filter	Main unit material : Polyamide Filter : PTFE
Arrester specifications	<p>< Voltage type > Arrester model : MDK-LV Maximum operating voltage : 30V Voltage protection level : 40V Response time : 0.1 μ s Discharge capacity : 5000A (8/20 μ s) Maximum load current : 100mA</p> <p>< Current type > Arrester model : MDK-24 Maximum operating voltage : 30V Voltage protection level : 40V or less Response time : 0.1 μ s Discharge capacity : 5000A (8/20 μ s) Maximum load current : 100mA</p>

Indicator specifications

Model	TKB-MA
Operating temperature range	- 10 to 45°C
Outer diameter of the cable used	φ 4 to 8
Number of cables connected	4 (4 pairs)
Connection method	Screw terminal block (M 3 × 8L)
Casing	Waterproof (IP66) Material : Polycarbonate + ABS resin
External dimension / Weight	127 (W) × 175 (H) × 100 (D) mm Approx. 700g
Cable gland	2 waterproof glands (IP68) Main unit material : Polyamide
Vent filter	Main unit material : Polyamide Filter : PTFE
Terminal block specifications	Ratings : 600V 30A Insulation resistance: 500 VDC 1000 M Ω or more
Indicator specifications	Scale: 0 to 20 mA Minimum scale value: mA Class: 2.5 Panel dimensions: 50 × 50 mm

Dimensions (Units : mm)

