

# THERMOCOUPLE TERMINAL BLOCKS

## XBTK Series



- Type J, K, T, E, R Terminal Blocks
- Screw Type Terminal Block DIN Connectors
- Maintenance-Free Connections
- Global Acceptance
- Large Surface Area for Marking

Thermocouple terminal blocks are offered in Type K, J, T, E and R. The terminal block contacts are made with thermocouple-grade calibration alloys. The terminal blocks come in a Gray color but white blank marker strips are available for identification.

### SPECIFICATIONS

**Terminal Width:** 10.4 mm (0.41")

**Maximum Wire Size:** 12 AWG/2.5 mm<sup>2</sup>

**Connection Data in V/AWG:** 400/24-12

**UL-cUL Ratings in V/AWG:** 300/10/28-12

**Length/Cover Width in mm (inch):**

46.0(1.81)/1.0(0.04)

**Height for 35 x 7.5/35 x 15 in mm (inch):**

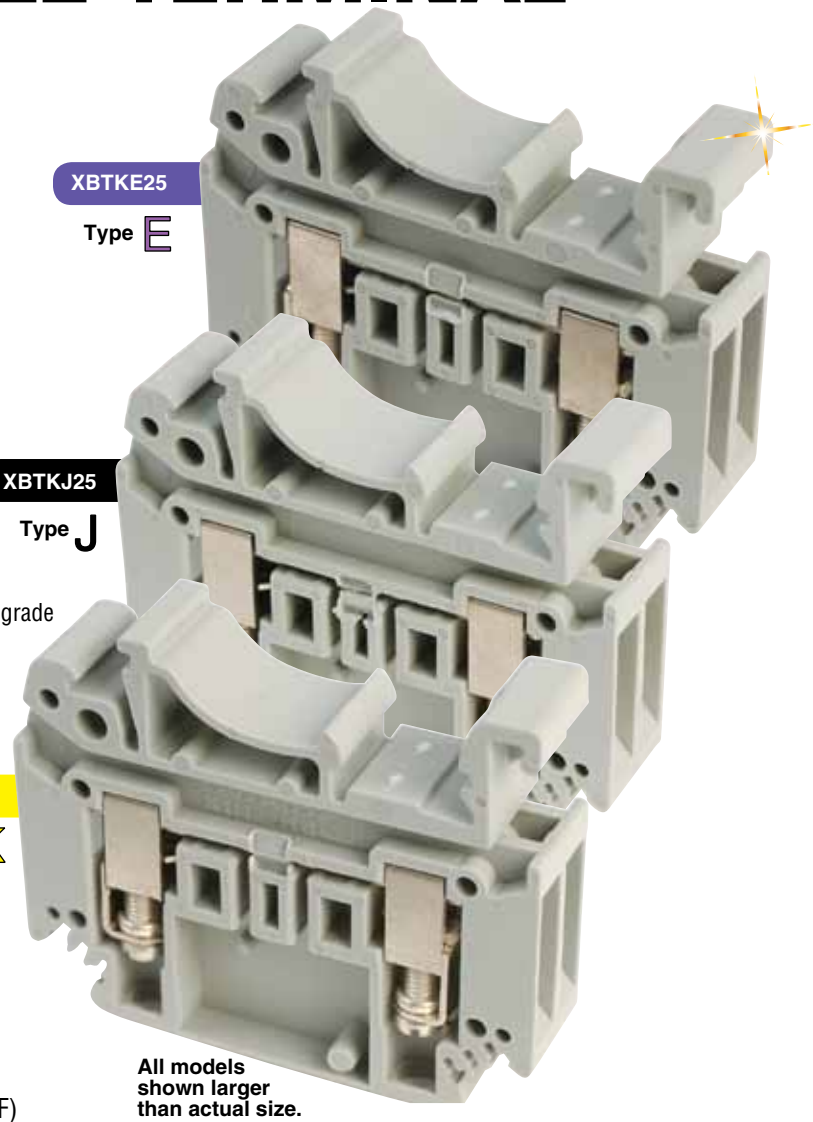
40.0(1.57)/47.5(1.87)

**Stripping Length in mm (inch):** 7 (0.28)

**Thread:** M3

**Torque in (inch-lb) Nm:** 0.6 to 0.8 (5.3 to 7.1)

**Insulated Temperature Range:** -40 to 125°C (-40 to 257°F)



XBTKE25

Type E

XBTKJ25

Type J

XBTKK25

Type K

All models shown larger than actual size.

### To Order

MODEL NO.	DESCRIPTION
XBTKK25	Type K thermocouple terminal block
XBTKJ25	Type J thermocouple terminal block
XBTKE25	Type E thermocouple terminal block
XBTKT25	Type T thermocouple terminal block
XBTKR25	Type R thermocouple terminal block

**Ordering Examples:** XBTKK25, Type K terminal block, XBACTK4, end cover, XBANS3575P, DIN rail.

XBTKJ25, Type J terminal block, XBACTK4, end cover, XBMZB10, blank marker strip, XBANS3575P, DIN rail.

### ACCESSORIES

MODEL NO.	DESCRIPTION
XBACTK4	Gray end cover
XBMZB10	White blank marker strip
XBANS3575P	DIN rail 35 x 7.5 mm x 2 m (1.4 x 0.30" x 6.6') slotted
XBANS3575U	DIN rail 35 x 7.5 mm x 2 m (1.4 x 0.30" x 6.6') solid
XBANS3515P	DIN rail 35 x 15 mm x 2 m (1.4 x 0.60" x 6.6') slotted
XBANS3515U	DIN rail 35 x 15 mm x 2 m (1.4 x 0.60" x 6.6') slotted
XBAES35C	1-screw mounted end stop
XBAES35T	3-screw mounted end stop
XBAES35N	Snap-on end stop