

## EUROSTYLE P.C.B. TERMINAL BLOCK

TÜV R50002918  
E133988(R)

ETB31 SERIES

CLAMPING TYPE, 55° SCREW IN

PITCH=3.81 / 7.62mm

### FEATURES

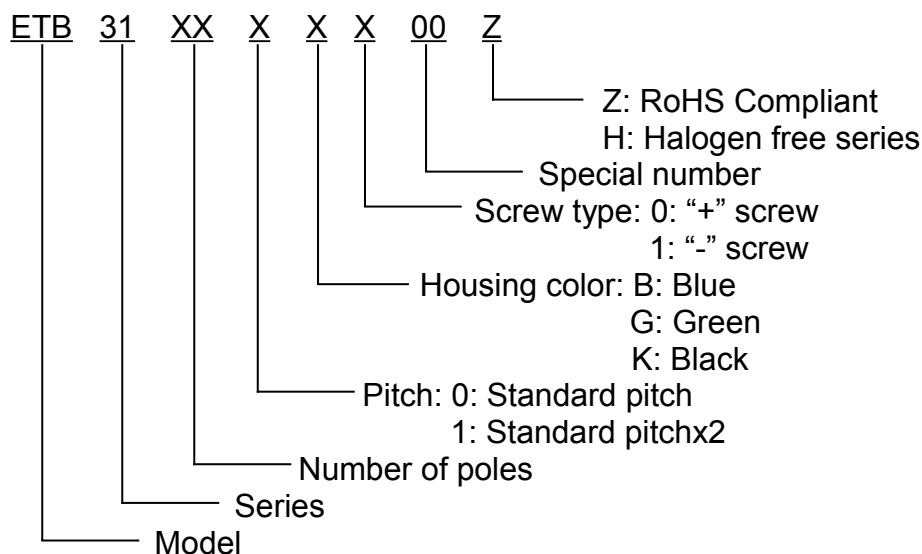
- Easy to assemble for any number of positions
- End stackable without any loss of P.C.B. space
- Special wire protector design to ensure reliable wire clamping
- UL 94V-0 grade fire retardant engineering plastic used for the housing
- Be capable of clamping a wide range of wire diameters
- Compact size for P.C.B.
- RoHS Compliant
- Halogen free series available

### SPECIFICATIONS

- Pitch 3.81mm, 7.62mm
- Wire range 26~16 AWG (1.5mm<sup>2</sup>)
- No. of pole per block 2P or 3P
- Rating 10 Amp, 300 VAC
- Housing PA66
- Terminals Tin plated over Copper Alloy
- Screws M2.0x0.4P, Zinc plated over Steel
- Wire cage Nickel plated over Zinc Alloy
- Torque 0.2 N-m (1.7 lb-in) (tested by manual torque screwdriver)
- Operating temperature -30°C~+110°C  
(includes temperature rise limit)
- Stripping length 5mm
- UL Approval 300V, 10A, 26~16 AWG
- TUV Approval 130V, T100, 0.2 to 1.0mm<sup>2</sup>

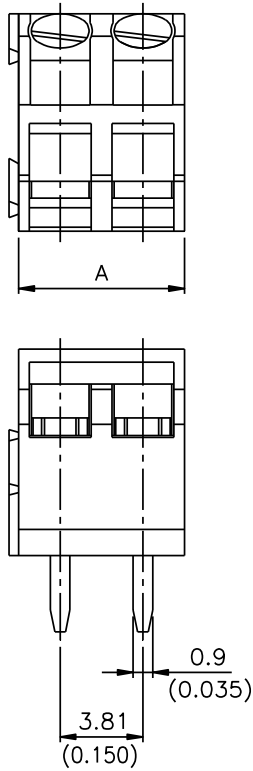


### PART NUMBERING SYSTEM

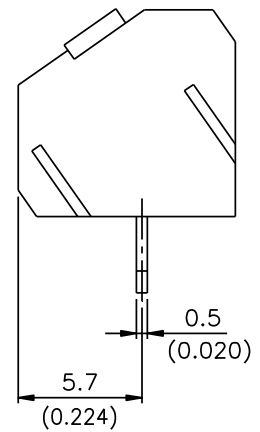
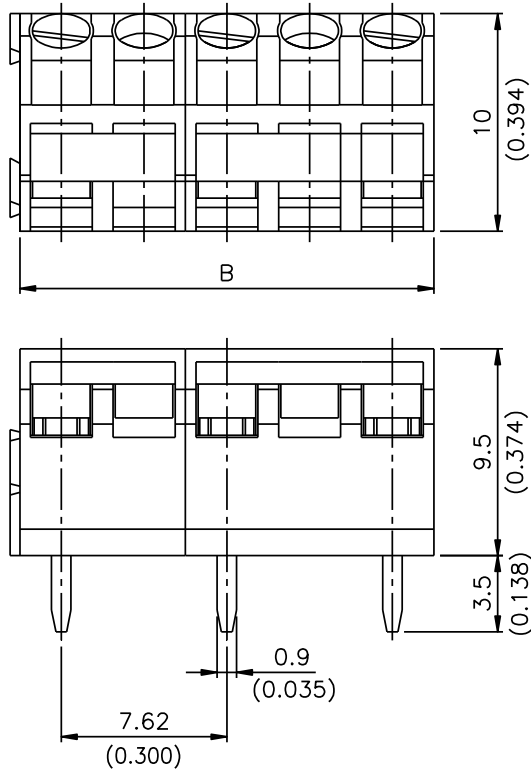


## DRAWING

ETB31\*\*  
Pitch=3.81mm



ETB31\*\*1  
Pitch=7.62mm



| POLE<br>DIM. | 2                | 3                | 4                | 5                | 6                | 7                | 8                | 9                | 10               | 11               | 12               | 13               |
|--------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| A            | 7.62<br>(0.300)  | 11.43<br>(0.450) | 15.24<br>(0.600) | 19.05<br>(0.750) | 22.86<br>(0.900) | 26.67<br>(1.050) | 30.48<br>(1.200) | 34.29<br>(1.350) | 38.10<br>(1.500) | 41.91<br>(1.650) | 45.72<br>(1.800) | 49.53<br>(1.950) |
| B            | 11.43<br>(0.450) | 19.05<br>(0.750) | 26.67<br>(1.050) | 34.29<br>(1.350) | 41.91<br>(1.650) | 49.53<br>(1.950) | 57.15<br>(2.250) | 64.77<br>(2.550) | 72.39<br>(2.850) | 80.01<br>(3.150) | 87.63<br>(3.450) |                  |
| POLE<br>DIM. | 14               | 15               | 16               | 17               | 18               | 19               | 20               | 21               | 22               | 23               | 24               |                  |
| A            | 53.34<br>(2.100) | 57.15<br>(2.250) | 60.96<br>(2.400) | 64.77<br>(2.550) | 68.58<br>(2.700) | 72.39<br>(2.850) | 76.20<br>(3.000) | 80.01<br>(3.150) | 83.82<br>(3.300) | 87.63<br>(3.450) | 91.44<br>(3.600) |                  |