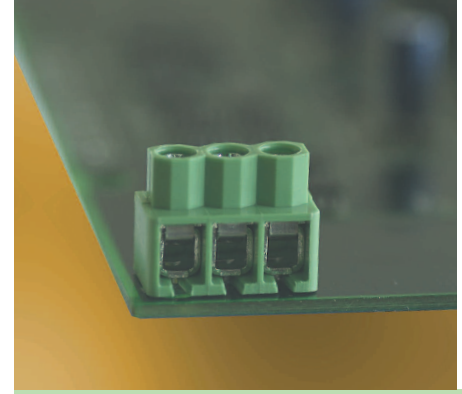


5mm PITCH  
10mm PITCH

TAICOM

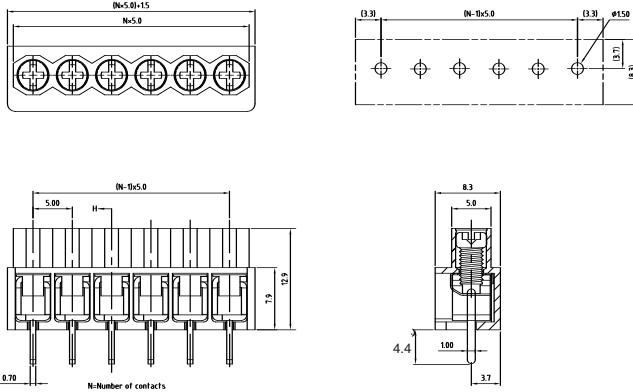
Vertical Mounting  
Standard Profile

TBVxxAG (5mm)  
TBVxxBG (10mm)



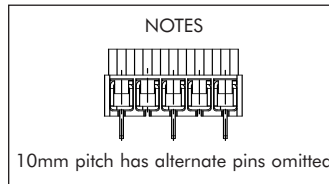
Dimensions (mm)

Drilling Diagram & Footprint  
(top view)



Ordering Information

Poles/ Ways	TAICOM Part No.	
	5mm	10mm
2	TBV02AG	TBV02BG
3	TBV03AG	TBV03BG
4	TBV04AG	TBV04BG
5	TBV05AG	TBV05BG
6	TBV06AG	TBV06BG
7	TBV07AG	TBV07BG
8	TBV08AG	TBV08BG
9	TBV09AG	TBV09BG
10	TBV10AG	TBV10BG
11	TBV11AG	TBV11BG
12	TBV12AG	TBV12BG



N.B. Part numbers shown are for combi screws.  
For slotted screws add -1 to the end of the part number.

Specification

Materials	
Body mouldings	Green (RAL6018/T) Polyamide
Terminal inserts/pins	Brass, tin plated
Screws	Steel, zinc plated
Wire guards	Stainless steel

Ratings (limited by pcb)	
Current rating	cULus/VDE 10A/17.5A
Voltage rating	300Vac/450Vac
Test voltage	1.6kVac/2.5kVac
Insulation resistance	20mΩ max
Operating temperature range	-30°C to +105°C
Soldering temperature	250°C ±10°C/5 sec

Mechanical Data	
Wire size	12-20 awg
Metric capacity	0.75mm <sup>2</sup> - 4.0mm <sup>2</sup>
Wire stripped length	6-7mm
Screw torque	3.5lb-in/0.4Nm
Screw	M3 combi

Approvals	
cULus, VDE	

For details of terminal blocks with alternative mounting orientations

**Horizontal**  
refer to pages 10, 11 & 12

**45° Angle**  
refer to page 14

**Single Plane**  
refer to pages 15 & 16

Standard profile terminal blocks with stainless steel wire guards. Choice of 5mm pitch or wider spaced 10mm pitch.

WIRE GUARD

KEY FEATURES/BENEFITS

- ◆ 17.5A rating
- ◆ Solid blocks to maintain pitch integrity over longer lengths
- ◆ Square insert allows 4mm<sup>2</sup> wire entry
- ◆ Combi screws as standard
- ◆ UL94V-0 flame retardant bodies
- ◆ Spring action wire guards permit wire re-insertion
- ◆ 10mm pitch offers improved isolation

Options Available

Marked Blocks -

A variety of markings and logos can be added to your requirements.

Screws -

Conventional slotted screws can be fitted in place of combi screws.

Longer Blocks -

Up to 24 ways can be supplied in 5mm pitch and up to 12 ways in 10mm pitch.

N.B. These options may be subject to minimum order quantities. Please contact our Sales Desk for further details.