ALVOLTA
BUILT FOR POWER

ALVOLTA TERMINAL COVERS

4 Sizes Available

Key Features:

- Provides Terminal Insulation
- Reduce Terminal Corrosion
- Durable Silicone Design
- Multiple Sizes Available
- Available in Black & Red

Suitable for:

3 YEAR WARRANTY

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Specifications:

Model	TCSR & TCSB Small Terminal Cover	TCMR & TCMB Medium Terminal Cover	TCLR & TCLB Large Terminal Cover	TCXLR & TCXLB Extra Large Terminal Cover
Terminal Length	25.4mm	33.5mm	44.5mm	50.8mm
Post Height	17.8mm	24.1mm	33.5mm	40.6mm
Suitable Cable Size	Cable up to 5mm²	Cable up to 32mm²	Cable up to 62mm²	Cable up to 103mm²
Inside Grip Diameter	12.7mm	17.8mm	19.1mm	22.9mm
Terminal Outside Diameter	12.19mm	20.57mm	28.19mm	34.8mm
Material	Flame Retardant Silicone			
Material Thickness	1.52mm	1.78mm	2.3mm	2.5mm
Hydrophobicity, Initial	HC1 Grade			
Hydrophobicity, Weakening	HC4 Grade			
Hydrophobicity, Recovery	HC3 Grade			
Hydrophobicity, Migration	HC3 Grade			
Puncture Strength	23.4 kV/mm			
Tear Strength	12 kN/m			
Shore Hardness	63.4 Shore A			
Tensile Strength	5.01 Mpa			
Elongation at Break	301%			
Density	1.53 g/cm³			
Flame Retardant	V-0			
Dielectric Constant	1.7			
Dielectric Loss Tangent	0.02			
Volume Resistivity	1.2×10^{15} Ω-cm			
Surface Resistivity	1.2×10^{15} Ω			
Electric Leakage, Marking & Corrosion Resistance	Material grade IA 4.5, Erosion depth 2.5 mm			
Colour	Available in Red & Black			

*All data and specifications provided in this datasheet are tested under standard test conditions, and may deviate marginally from actual values. Alvolta and its associates reserve the right to make modifications to the provided information without notice. Alvolta maintains the goal to supply customers with the most recent information regarding its products.

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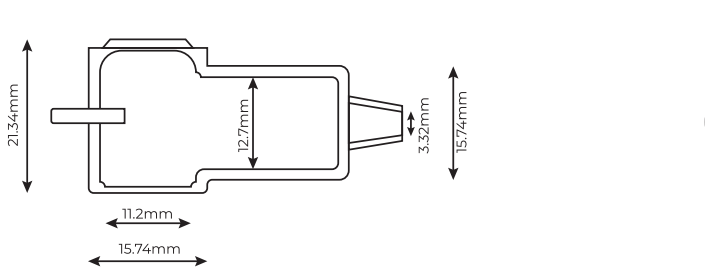
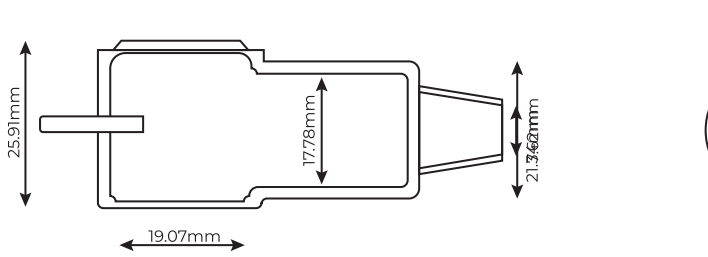
Model Diagrams:

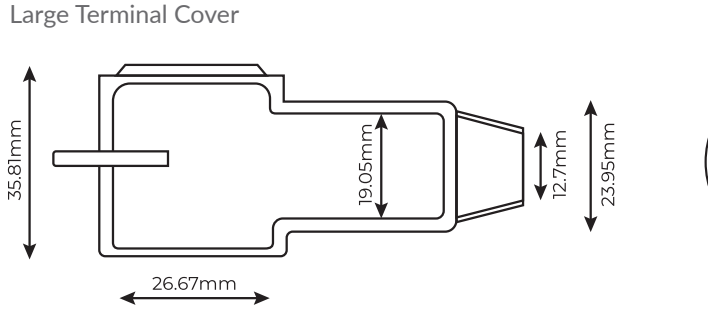
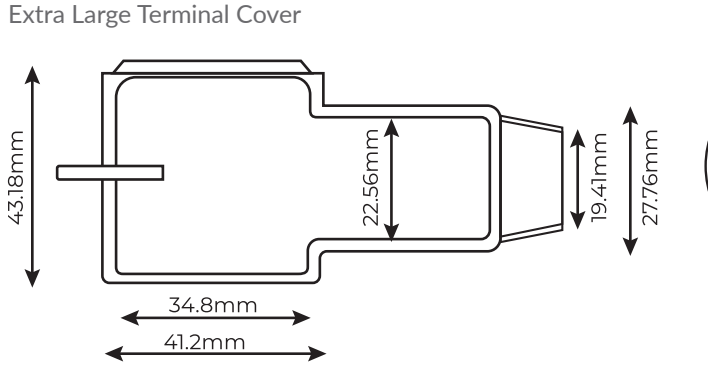
TCSR & TCSB
Small Terminal Cover



TCMR & TCMB
Medium Terminal Cover



TCLR & TCLB
Large Terminal Cover



TCXLR & TCXLB
Extra Large Terminal Cover