

# MICROCON SMD






**ELECTRO**  
**TERMINAL**



- **Eco-Material:** Up to 48% bio-based plastic (non-food sources).
- **Free from harmful substances:** 0% halogens, phosphorus, or REACH SVHC substances.
- **Circular Copper:** Approx. 50% recycled content from European sourcing.
- **Efficiency Engineering:** Maximum contact durability with minimal material usage.
- **Regional Manufacturing:** 100% fully automated production in Innsbruck. Made in Austria.
- **Green Packaging:** No plastic over-packaging; SMD reels with 30% recycled content.



## IEC Ratings

Nominal voltage	1P: 600V   2P: 320V
Nominal current	6 A
Clamping range	0.2 - 0.75 mm <sup>2</sup> rigid wires, flexible wires
Wire stripping length	8 - 9 mm
Max. ambient temperature	T105
Approvals	    
Standards	Requirements acc. to EN 60998 and UL486 C



## Responsibility Meets Innovation: Our Green DNA

In the development of our PCB and luminaire connectors, we consistently prioritize the protection of both people and the environment. Our innovative insulating material meets the highest requirements for heat resistance and flame retardancy—completely without the use of halogenated flame retardants, phosphorus, or hazardous SVHC substances. With a content of up to 48% renewable raw materials (guaranteed not to compete with the food chain), we are setting new benchmarks in material ecology.

For us, sustainability does not end with the housing. We source our contact materials exclusively from European suppliers, with the copper material already consisting of 50% recycled content. Through our fully automated manufacturing directly at our Innsbruck site, we guarantee the shortest transport routes and maximum precision.

Our engineering approach follows a clear objective: an optimized ratio of minimal resource consumption to maximum device longevity. We deliberately avoid redundant plastic packaging and utilize 30% recycled content in our SMD reels. This is how we combine technical excellence with ecological foresight.