

UAK - Easy Voltage Tap for busbar

The UAK series of insulated busbar terminals let you connect your instruments to live busbars. A fuse holder is an integrated part of this terminal, proving you with protection at the source. The terminal can be installed directly onto the busbar using an insulated Allen key driver. This makes the installation of this unique product a one handed exercise. The UAK can be used for temporary or permanent voltage measurements.

The fuse holder is mounted directly on the metal that makes contact with the busbar, thereby providing a secure connection with a high short circuit rating. For connection to the Netural bar, the model UAK16 provides an unfused connection



Technical specifications

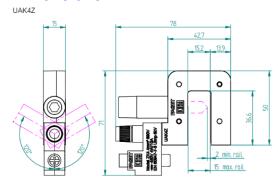
Maximum voltage: Test voltage / spike: Max current: Isolation class: Fuse type: Short circuit rating: IP rating: Ambient temperature: Temperature rise busbar:	690V 3kV/50Hz 6kV 10A E (max120°) 5x25mm (with indicator) 10A SIBA DIN41576-2 70kA@400V/50Hz IP20 +5+40°C ¹⁾ Max. 75K ¹⁾
Busbar connection: Allen key size: Busbar thickness: Housing: Material terminal: Clapsing on Rail:	Via Allen key bolt M8 Number 6 Max 15mm/min 2mm Polyamide (PA6.6) Nickel plated brass Allen bolt M8, Allen key no. 6, tightening torque. 6Nm, max. 8Nm

¹⁾ Maximum temperature of the busbar: 120°C (Sum of the busbar temperature rise and the ambient temperature) KEMA certified, IEC 60947-7-3

Ordering specifications

Description	Color	Model	Connection	Article number
Fused phase terminal	Black	UAK4Z	1,5–4mm ²	500040
Phase terminal	Black	UAK16	0,1–16mm ²	500041
Neutral terminal	Blue	UAK16N	0,1–16mm ²	500042
Set consists of 3 x 500040 & 1 x 500042				500045

Dimensions



Wiring diagram

