

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 Neutral bar, the model UAK16 provides an unfused connection



Technical specifications

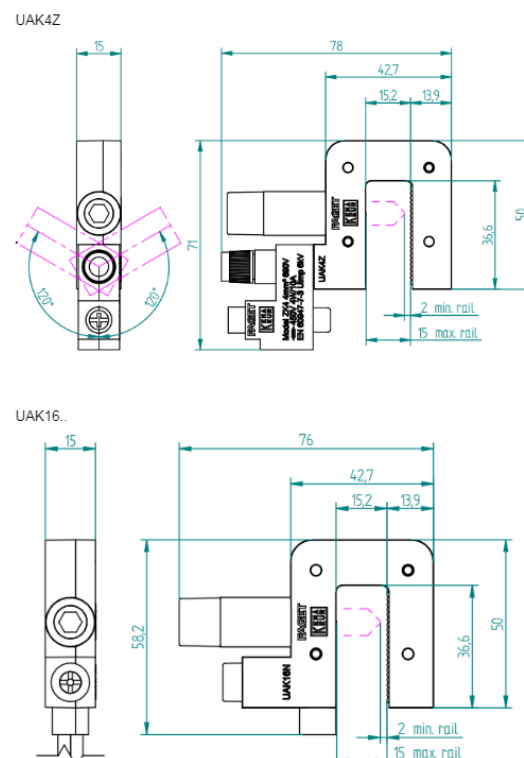
Maximum voltage:	690V
Test voltage / spike:	3kV/50Hz 6kV
Max current:	10A
Isolation class:	E (max 120°)
Fuse type:	5x25mm (with indicator) 10A SIBA DIN41576-2
Short circuit rating:	70kA@400V/50Hz
IP rating:	IP20
Ambient temperature:	+5...+40°C ¹⁾
Temperature rise busbar:	Max. 75K ¹⁾
Busbar connection:	Via Allen key bolt M8
Allen key size:	Number 6
Busbar thickness:	Max 15mm/min 2mm
Housing:	Polyamide (PA6.6)
Material terminal:	Nickel plated brass
Clamping on Rail:	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

