kt 0108
Ticket validator

krauth technology®

Mechanical ticket validator

The kt 0108 is a reliable ticket validator which is characterized by perfect design, easy handling and a long service life.

The ticket validator is based on the proven dot matrix printing technology and is designed to be fitted to existing validator retaining plates without the need for conversion work.

All electronic and mechanical components are housed in a robust powder-coated steel housing unit with a security lock for optimum protection against vandalism.

- Sturdy and compact dot matrix printer
- Quick printing and cancellation of tickets
- Validator can be blocked to prevent ticket validation during ticket inspections
- Suitable for multiple trip and stripe tickets
- Automatic switchover from IBIS to autonomous operation: Time data generated by internal clock and date module + automatic summer/winter time changeover
- Easy transfer of firmware-, parameter- and layout changes via USB
- Low maintenance and easy to service
- Uncomplicated exchange of the ribbon
- Constructional separation of validator and housing enables tool-free replacement via „plug-and-play“ system
- Further options:
  - Integration of an electromechanical pulse counter for easy readout of cancelled transactions
  - Additional locking of slide and housing unit
  - Use of protective pad
  - Connection to the monitoring system for status control and reduction of maintenance costs

Simple Plug-&-Play concept

Validator retaining plate

Validator with two locks

For more information, visit:
www.krauth-technology.de/en/solutions

Extract from technical data:

Basic data

Dot matrix printing unit:	Dot matrix printer with a ribbon cartridge
Housing:	Powder-coated steel housing unit with security lock
Housing material:	1.5 mm sheet steel
Dimensions (WxHxD):	150 x 300 x 110 mm
Weight:	4,2 kg
Colour/lacquer:	Powder-coated (colour and structure as desired)
Protection class:	Housing: IP54 - Complete contact hazard protection; protection against dust deposits; splash proof
	Tick entry: IP33 - Protection against foreign bodies of over 2.5 mm diameter; splash proof
Closures:	Standard 4A 251 (door - for maintenance staff/troubleshooting)
	Standard 4A 252 (slide-on plate)
	Simultaneously locking of the housing unit on request
Opening direction:	Folding forwards and downwards
	Installation in niches possible, all locks accessible from the front
Transducer:	RGB signal lamp (arrow) above the ticket slot incl. acoustic signal sound
Bracket:	Mounting on pipe rods with a standard diameter of 30 mm or 35 mm
	Other mounting options like wall mounting on request
Printing mechanism:	9-pin dot matrix printer
Paper width:	Max. 86 mm
Paper thickness:	Max. 1 mm
Mechanical interface:	Standard three-point mount (compatible with common mounts)

Technical data

Interface:	Standard: IBIS, Alternative: RS485/ CAN
Electrical interfaces:	DIN 41622 Male connector, 12-pole, asymmetrical
Other interfaces:	USB, D-Sub
Clock/date:	Autonomous operating mode. Generation of time data by internal clock and date module + automatic summer/winter time changeover
Print speed:	~3,0 l/s
Temperature range:	-20 °C to + 70 °C
Nominal voltage:	24 V DC
Operating voltage:	18 – 32 V DC
Current consumption:	Approx. 75 mA (depending on the brightness of the display) briefly (< 0.5 s) 4 A (printing)

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