



T O M I C S. A.

ŻUROMIN POLAND

Factory and Sales

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ul. Żeromskiego 76/82

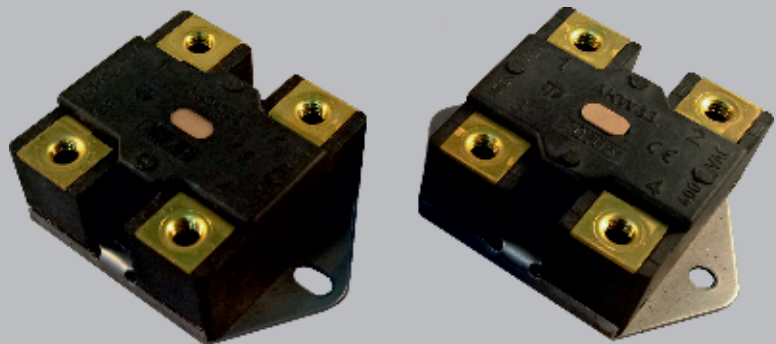
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Thermal cut – out AKW33



Double pole thermal cut-outs types AKW guarantee disconnection on two poles. For single-phase devices of alternating current and for devices of direct current it means disconnection both supplying conductors by one switching off.

DIN EN ISO 9001:2008

VDE Testing and Certification Institute

QUALITY & EXPERIENCE SINCE 1979



Marketing & Sales In Western Europe

ALBOL

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Standard Specifications

- Contact configuration: normally closed
- Range of rated switching temperatures: 65°C - 150°C
- Switching differential: manual reset
- Switching temperature tolerance: $\pm 5K / \pm 10K$
- Rated current of resistance loading: 32A
- Rated voltage: max 400V

Sample Applications

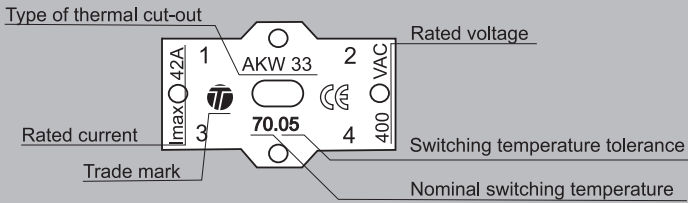
- Water heaters
- Electric heaters
- Boilers and steam generators
- Large tank heaters
- Ventilating equipment
- Vending machine
- Hand dryers

Features

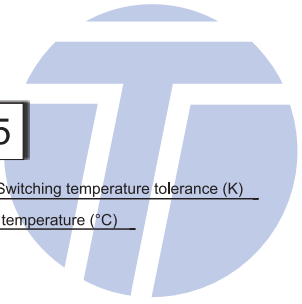
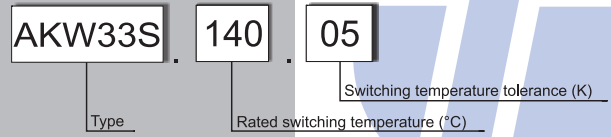
- Snap action type bimetal thermostat
- Double pole thermal cut-outs
- Available in various mounting configuration

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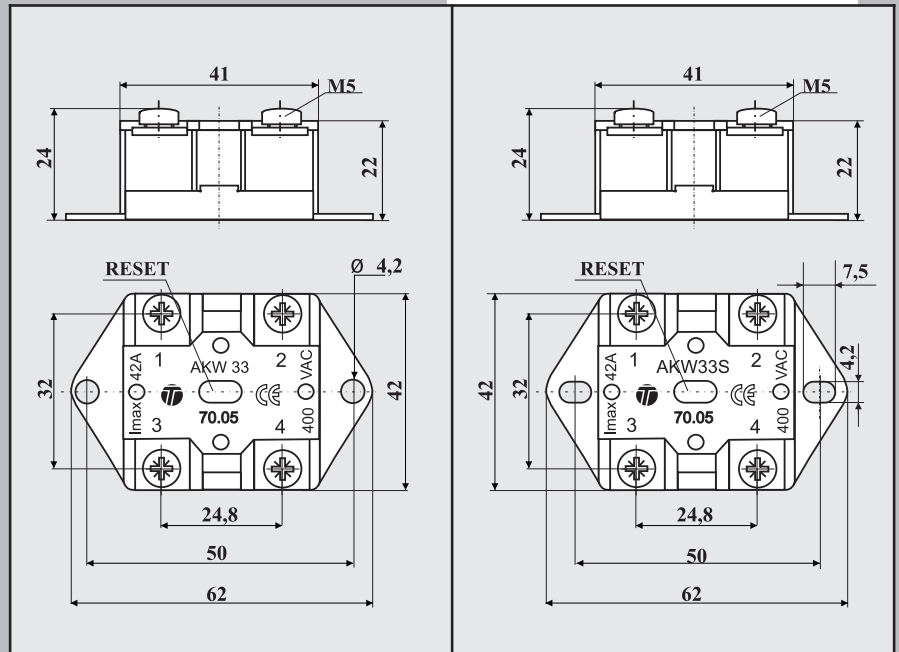
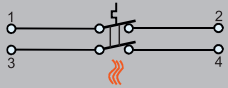
Marking



Ordering example



Electrical scheme



Type of thermal cut-out	AKW33	AKW33S
Contact	DPST, normally closed	
Rated voltage	400 V; AC	
Rated current of resistance loading $I_{zn}, \cos\phi = 1,0$	42 A	
Number of switching cycles at rating loading	300 cycles	
Range of rated switching temperatures	65°C - 150°C	
Switching temperature tolerance (standard)	±5K / ±10K	
Switching differential	manual reset	
Speed of temperature changes	0,5 ÷ 1K / min	
Thermal resistance	max 210°C / 1min	
Degree of protection	IP 00	
Degree of pollution (acc. to EN-60730-1)	2	
PTI of material used for insulation	250 V	
Rated impulse voltage	4000 V; 50 Hz	
Contact resistance	max 40 mΩ	
Turning moment of tightening screws in connections	2 Nm	
Construction	for incorporation in class I equipment	