

Temperature Control Circuit-Breakers 2KBF, 3KBF 2KB, 3KB

Snap-action disc thermostats: Limiters with trip-release 2KBF, 3KBF
Limiters without trip-release 2KB, 3KB (without button)

Description

The extremely compact 2KBF and 3KBF thermostats with snap-action disc permit electrical loads of up to 16 A and are very versatile. Working as trip-switches they are fitted with a mechanical reset. Resetting while overtemperature conditions prevail is inhibited by the trip-release mechanism thus providing double safety features.

The 2KBF and 3KBF thermostats can be installed in the most restricted spaces wherever protection against overheating is needed. The 2KBF and 3KBF thermostats may be used in:

- cable reels

Mode of function

The 2KBF and 3KBF thermostats (limiters with trip-switch) react to a set temperature which triggers the snap-action of a bimetallic disc. This spring movement of the bimetallic disc is mechanically transmitted by a transmission pin to a bridge-contact thus opening the circuit.

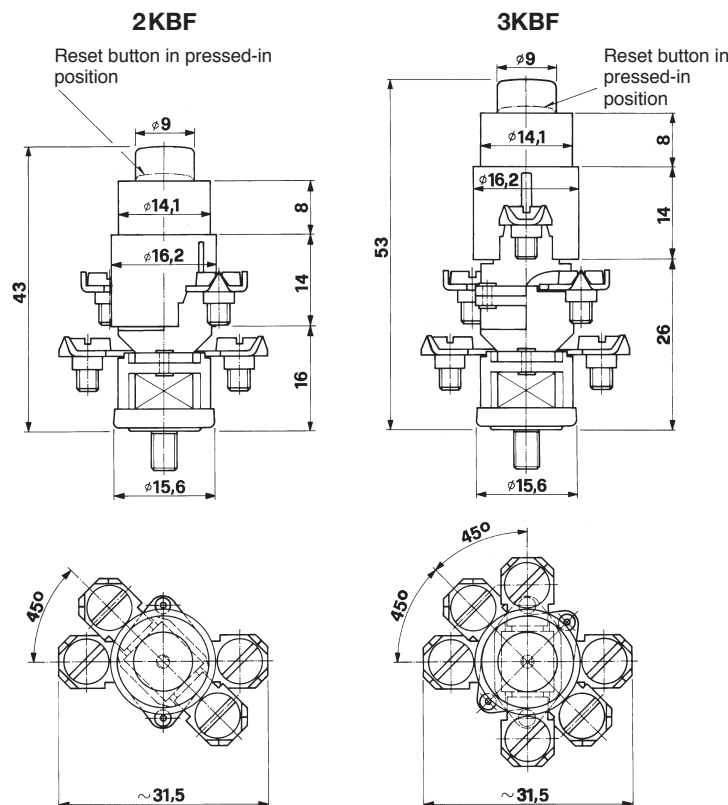
Resetting is achieved by manually depressing the reset button.



Approvals: VDE etc.

General dimensions:

For detailed dimensions & ordering key see reverse side



Technical specifications:

Switching performance:	16 (4) A 400 V ac 2000 cycles
Maximum speed of temperature change:	10 °K/min
Switching differential:	ca. 10 °K
Contact material:	Fine silver
Maximum temperature:	to 80°, 2KBF/3KBF 80° – 140°, 2KB/3KB
Electrical strength:	> 3750 V~
Cut out:	Not affected by current
2KBF/2KB:	2-pole breaker
3KBF/3KB:	3-pole breaker



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