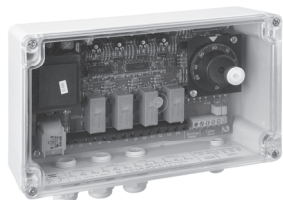


4-/6- and 8-stage controller JBT-4/-6/-8

Electronic controllers with remote sensor



Technical data

Operating voltage:	230 V~, 50 Hz
Switching capacity:	10 (3) A, 24–250 V~
Switching difference:	JBT-4: adjustable 0.25 ... 2 K within the stage limits, 0.5 ... 6 K, between the stages JBT-6/-8: adjustable 0.5 ... 1.5 K within the stage limits, 0.5 ... 3 K, between the stages
Contact:	JBT-4: 4 relay as potential-free changeover contacts JBT-6/-8: 6 or 8 relay as potential-free changeover contacts
Sensor:	NTC resistor
Ambient temperature:	0 ... +55 °C
Degree of protection:	JBT-4: IP 65, C/P-types (without housing) = IP 00 JBT-6/-8: IP 00
Protection class:	II, only with housing
Mounting/installation:	JBT-4: wall mounting or installation in a switch cabinet JBT-6/-8: installation in a switch cabinet
Housing colour:	JBT-4: grey (bottom part RAL 7016, upper part transparent)

Application

JBT-4: Includes 4 stages “heating or cooling”. If wiring the relay contacts accordingly, “heating and cooling” with neutral zone can be realised too. Desired function can be chosen by means of jumpers.

JBT-6/-8: Includes 6 or 8 stages “heating or cooling”. Desired function selectable by means of a switch. LED indicator for mode indication.

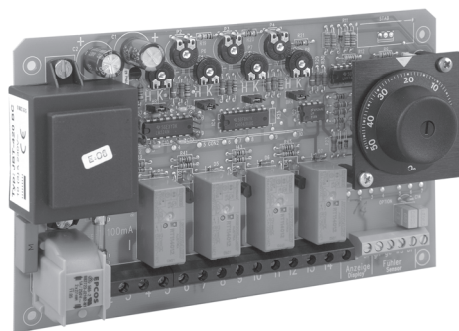
Sensors are not included in the scope of the delivery. (As for choice of available sensors see as of page 133).

Application of sensor types according to sensor no. indicated (i.e. all HF, BTF2 or LF types can be used with this number, e.g. HF-3 or LF-23, etc.).

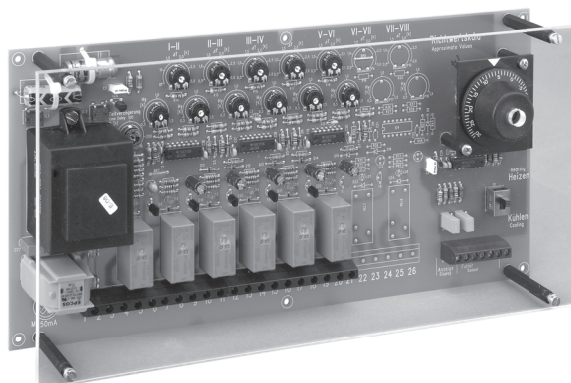
Avoid parallel laying of sensor line and mains supply cables or protect it by shielding.

Type	Item No.	Control range	Equipment	Sensor	PG
JBT-420 B	D 4760494	-10 ... +50 °C		3/23 (NTC 8 K)	II
JBT-420 BC	D 4760544	-10 ... +50 °C	without housing	3/23 (NTC 8 K)	II
JBT-420 BP	D 4760520	-10 ... +50 °C	without housing, incl. 1 m remote potentiometer and DIN rail	3/23 (NTC 8 K)	II
JBT-420 BPS	D 4760532	-10 ... +50 °C	like 420 BP, but with adjustable starting delay (2–200 s)	3/23 (NTC 8 K)	II
JBT-420 BS	D 4760470	-10 ... +50 °C	adjustable starting delay 2–200 s	3/23 (NTC 8 K)	II
JBT-420 BCS	D 4760557	-10 ... +50 °C	without housing, but with adjustable starting delay (2–200 s)	3/23 (NTC 8 K)	II
JBT-61 AS	D 4760616	-15 ... +30 °C	without housing, but with adjustable starting delay (2–200 s)	0/20 (NTC 2 K 25)	II
JBT-81 AS	D 4760280	-15 ... +30 °C	without housing, but with adjustable starting delay (2–200 s)	0/20 (NTC 2 K 25)	II

JBT-420 BC



JBT-61 AS



4-/6- and 8-stage controller JBT-4/-6/-8

Electronic controller with remote sensor

