

INDUSTRIAL CONTROL COMPONENTS

TEMPERATURE CONTROL

Temperature controllers, solid-state relays and control components.



FB-100T



FB-400T



REX-C100



CH902

SELECT / COMPARE / CONFIGURE

A visual selection guide with model references and enlarged wiring illustrations.

INSIDE THIS GUIDE

Product selection guide

Explore the model families, compare the stated input and output options, and refer to the wiring illustrations for the shown variants.

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- | | | |
|--|--------------------------------|----------------|
| 01 | Temperature controllers | 03 - 06 |
| FB, TC4, TE3, TC6, REX, CHB and CH models, plus selected application-specific controllers. | | |
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- | | | |
|---|------------------------------------|----------------|
| 02 | Switching & accessories | 07 - 08 |
| Solid-state relays, heat sinks, a cooling fan, time relays and AC contactors. | | |
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|--|--------------------------|----------------|
| 03 | Wiring references | 09 - 16 |
| Expanded relay, SSR and terminal-layout illustrations, with English annotations. | | |
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- | | | |
|--|------------------------|-----------|
| 04 | Model reference | 17 |
| The original 34-entry model list retained for selection and quotation reference. | | |

BEFORE SELECTION

Confirm the exact model, input type, output type and installation requirements. Product photographs retain their original model markings.

TEMPERATURE CONTROLLERS

FB / TC4 series



FB-100T

Temperature Controller

Selectable single input; PT100/CU50 customization available.

Simultaneous SSR + relay dual outputs.



FB-700T

Temperature Controller

Selectable single input; PT100/CU50 customization available.

Simultaneous SSR + relay dual outputs.



FB-400T

Temperature Controller

Selectable single input; PT100/CU50 customization available.

Simultaneous SSR + relay dual outputs.



FB-900T

Temperature Controller

Selectable single input; PT100/CU50 customization available.

Simultaneous SSR + relay dual outputs.



TC4-S

Temperature Controller

Universal input.

Simultaneous SSR + relay dual outputs.



TC4-M

Temperature Controller

Universal input.

Simultaneous SSR + relay dual outputs.



TC4-H

Temperature Controller

Universal input.

Simultaneous SSR + relay dual outputs.



TC4-L

Temperature Controller

Universal input.

Simultaneous SSR + relay dual outputs.

TEMPERATURE CONTROLLERS

TE3 / TC6 series



TE3-S

Temperature Controller

Selectable single input; PT100/CU50 customization available.

Simultaneous SSR + relay dual outputs.



TE3-M

Temperature Controller

Selectable single input; PT100/CU50 customization available.

Simultaneous SSR + relay dual outputs.



TE3-H

Temperature Controller

Selectable single input; PT100/CU50 customization available.

Simultaneous SSR + relay dual outputs.



TE3-L

Temperature Controller

Selectable single input; PT100/CU50 customization available.

Simultaneous SSR + relay dual outputs.



TC6-S

Temperature Controller

Universal input.

Simultaneous SSR + relay dual outputs.



TC6-M

Temperature Controller

Universal input.

Simultaneous SSR + relay dual outputs.



TC6-H

Temperature Controller

Universal input.

Simultaneous SSR + relay dual outputs.



TC6-L

Temperature Controller

Universal input.

Simultaneous SSR + relay dual outputs.

TEMPERATURE CONTROLLERS

REX / CHB series



REX-C100

Temperature Controller
Universal input.
Selectable SSR or relay output.



REX-C700

Temperature Controller
Universal input.
Selectable SSR or relay output.



REX-C400

Temperature Controller
Universal input.
Selectable SSR or relay output.



REX-C900

Temperature Controller
Universal input.
Selectable SSR or relay output.



CHB401

Temperature Controller



CHB702

Temperature Controller



CHB402

Temperature Controller



CHB902

Temperature Controller

TEMPERATURE CONTROLLERS

CH & application controllers



CH102

Temperature Controller

Universal input.

Simultaneous SSR + relay dual outputs.



CH702

Temperature Controller

Universal input.

Simultaneous SSR + relay dual outputs.



CH402

Temperature Controller

Universal input.

Simultaneous SSR + relay dual outputs.



CH902

Temperature Controller

Universal input.

Simultaneous SSR + relay dual outputs.



E5C4

Temperature Controller

Selectable K, E or PT100 input.



FB-72NTCDSYK

Temperature / Time Controller

Remote control; customizable input.

Fan + heating dual outputs; adjustable delay.



Hot-Stamping Temperature Controller

Combined Time / Temperature Control

Combined timing and temperature control; selectable K or E input.

Selectable SSR or high-current output.



C700

Slim Panel-Mount Temperature Controller

Ultra-slim panel-mount design; selectable single K or E input.

Selectable SSR or high-current output.

SWITCHING COMPONENTS

Solid-state relays & heat sinks



Three-Phase SSR

Three-Phase Solid-State Relay



Single-Phase SSR

Single-Phase Solid-State Relay



New Single-Phase SSR

New-Style Single-Phase Solid-State Relay



Solid-State Voltage Regulator



Industrial SSR

Industrial-Grade Solid-State Relay



Three-Phase SSR Heat Sink

Heat Sink for Three-Phase SSR



Single-Phase SSR Heat Sink

Heat Sink for Single-Phase SSR



Thickened Single-Phase SSR Heat Sink

Thickened Heat Sink for Single-Phase SSR

CONTROL ACCESSORIES

Timers, cooling & contactors



Heat-Sink Fan

Heat-Sink Cooling Fan



DH48S-S

Time Relay



DH48S-1Z(2Z)

Time Relay



CJX2(LC1)-95

AC Contactor



CJX2(LC1)-12

AC Contactor



CJX2(LC1)-18

AC Contactor



CJX2(LC1)-25

AC Contactor



CJX2(LC1)-32

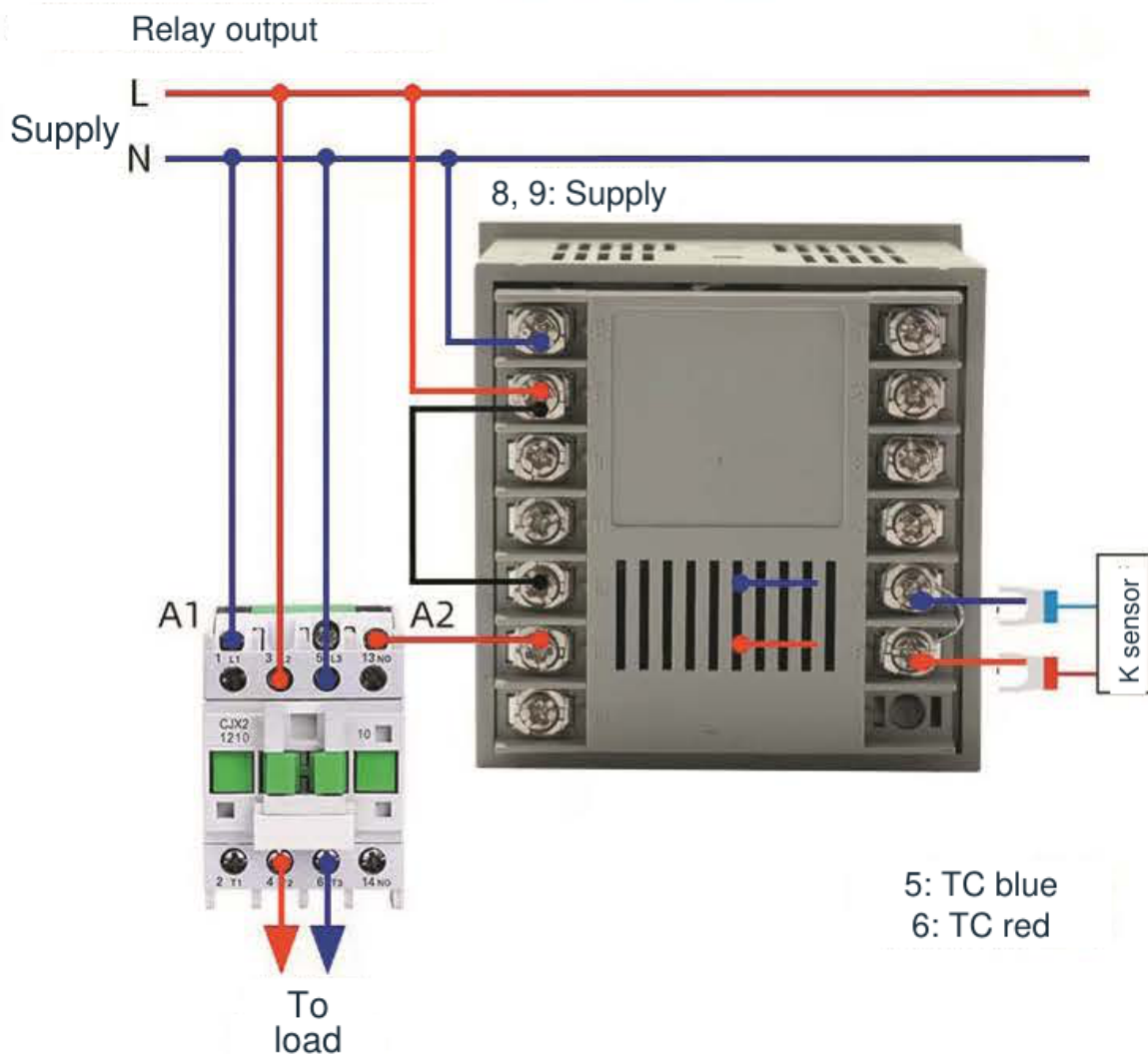
AC Contactor

CONNECTION REFERENCES

Wiring illustrations 01

RELAY OUTPUT

Universal-input versions / CHB-402 / CHB-702 / CHB-902



3-wire Pt100/Cu50: red wire to 4; other wires to 5 and 6.

Relay and SSR outputs must not be used simultaneously. TC = thermocouple.

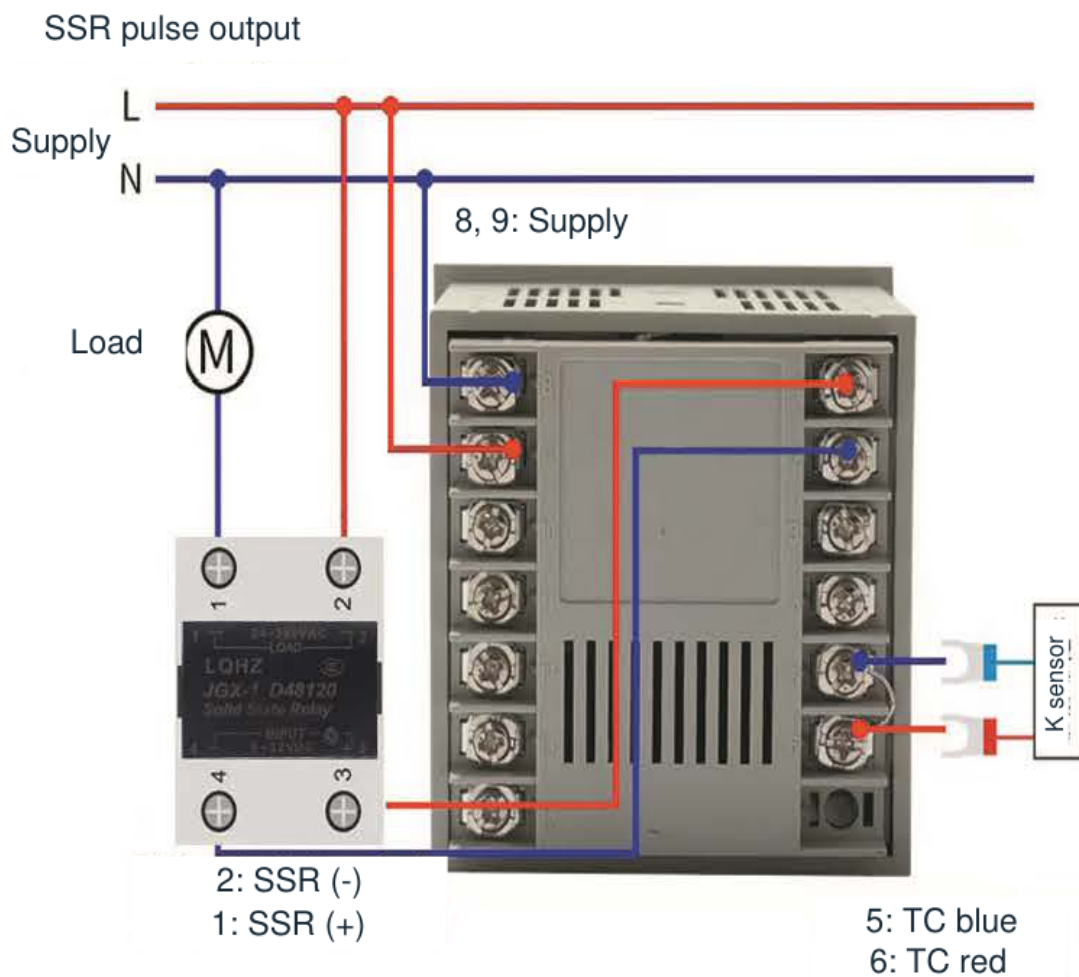
Connections are reproduced from the supplied reference; not a substitute for the product manual.

CONNECTION REFERENCES

Wiring illustrations 02

SSR OUTPUT

Universal-input versions / CHB-402 / CHB-702 / CHB-902



3-wire Pt100/Cu50: red wire to 4; other wires to 5 and 6.

Relay and SSR outputs must not be used simultaneously. TC = thermocouple.

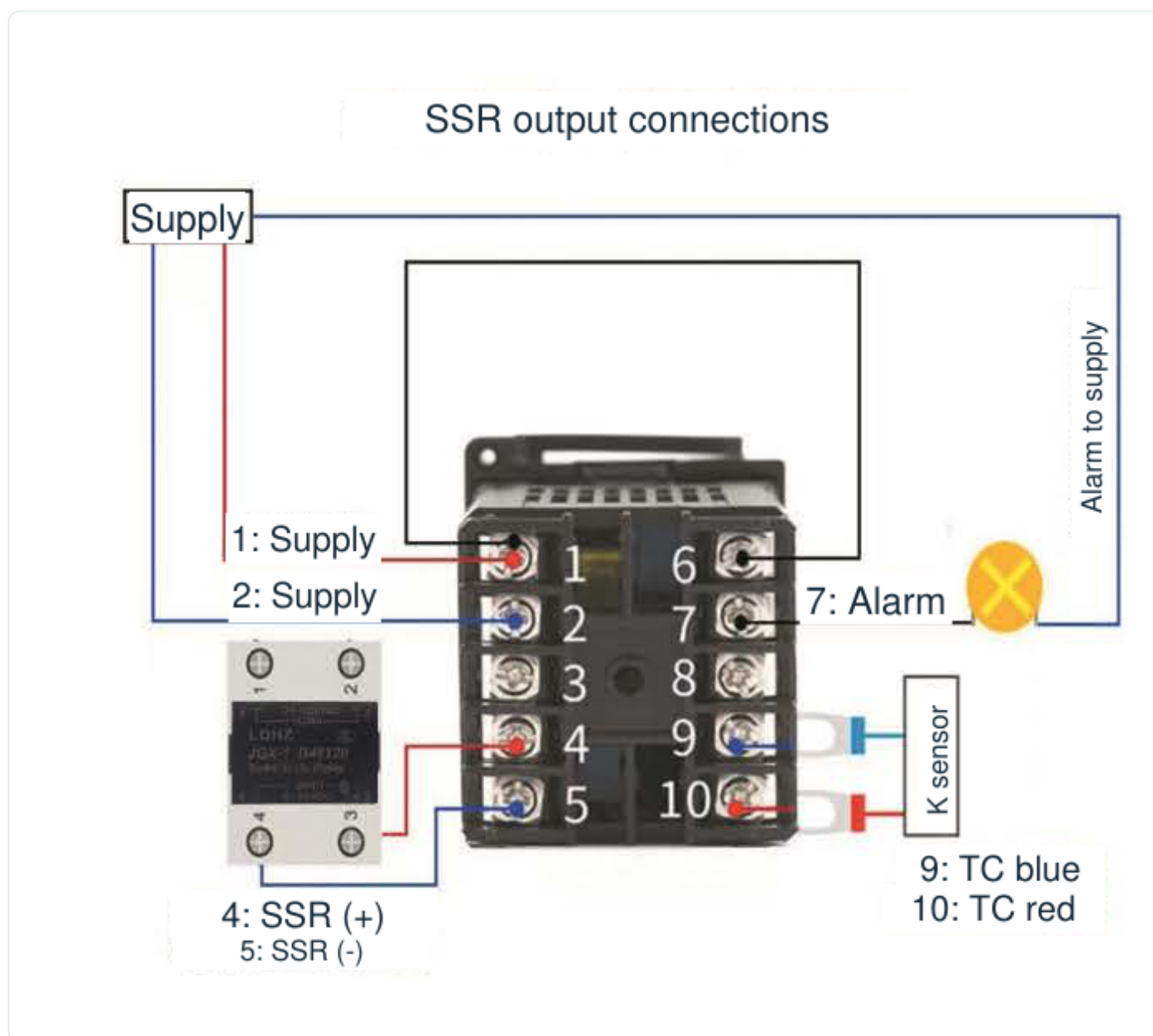
Connections are reproduced from the supplied reference; not a substitute for the product manual.

CONNECTION REFERENCES

Wiring illustrations 03

SSR OUTPUT

CHB401 single-input / C100



Reference illustration. Confirm the exact model and terminal markings before installation.

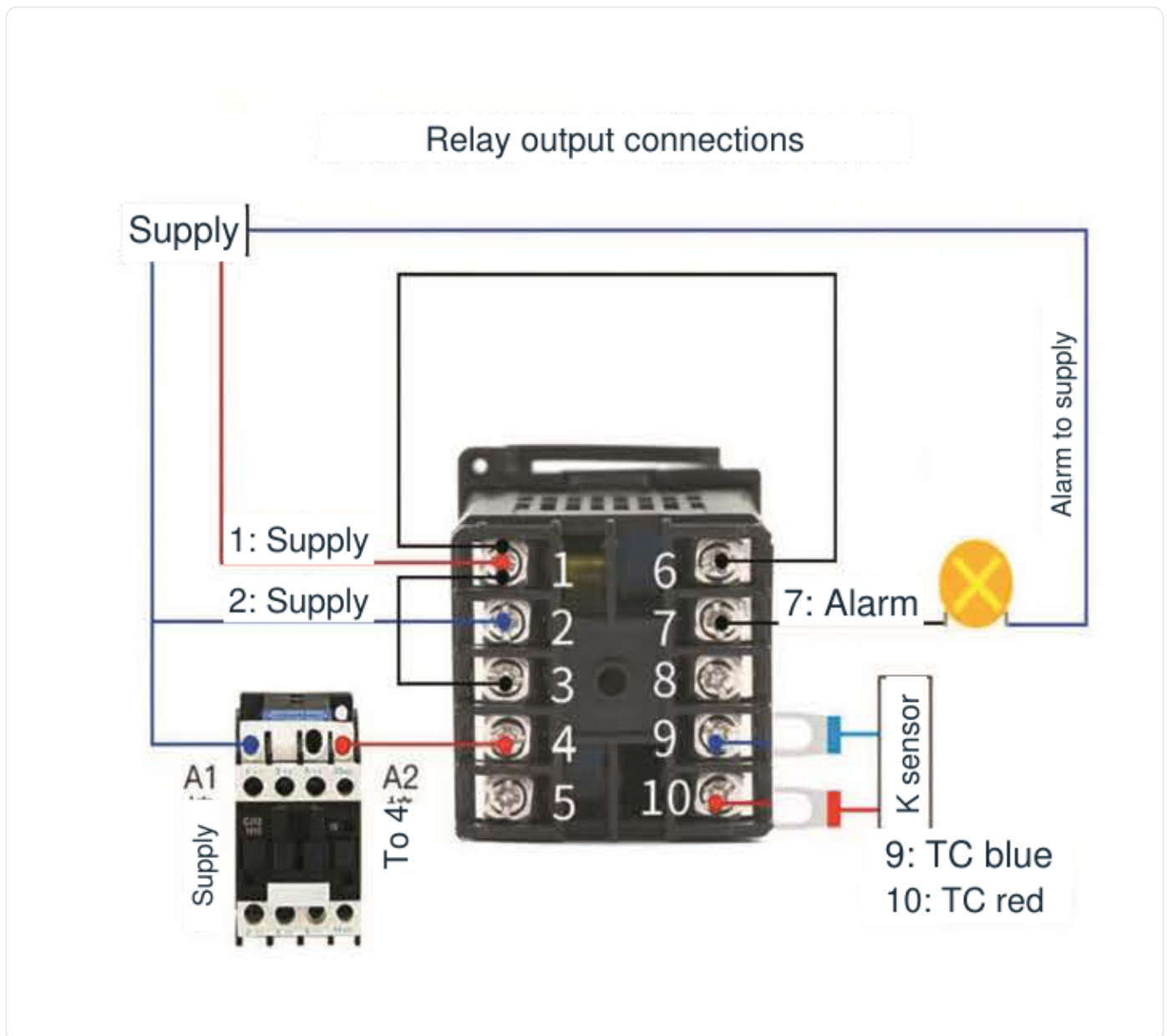
Connections are reproduced from the supplied reference; not a substitute for the product manual.

CONNECTION REFERENCES

Wiring illustrations 04

RELAY OUTPUT

CHB401 single-input / C100



Reference illustration. Confirm the exact model and terminal markings before installation.

Connections are reproduced from the supplied reference; not a substitute for the product manual.

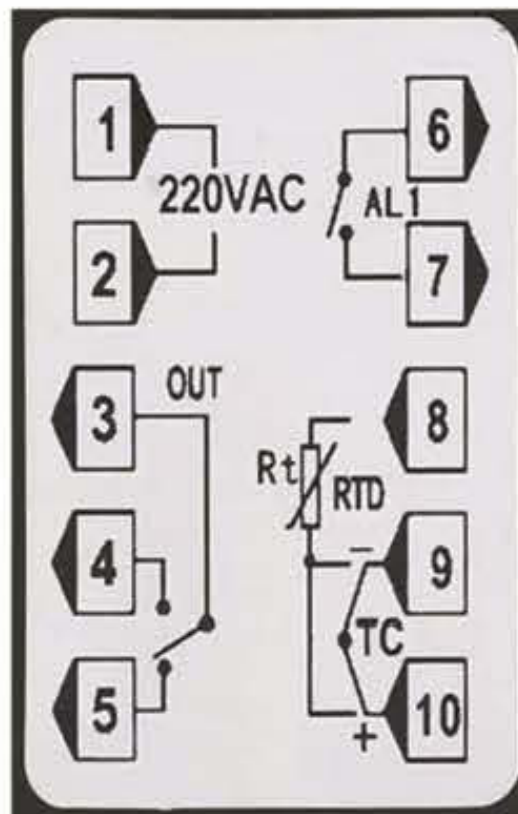
CONNECTION REFERENCES

Wiring illustrations 05

DIRECT-DC SSR

Terminal reference

SSR connections: DC control, AC load



3-wire RTD: red to 8; other wires to 9 and 10.

Reference illustration. Confirm the exact model and terminal markings before installation.

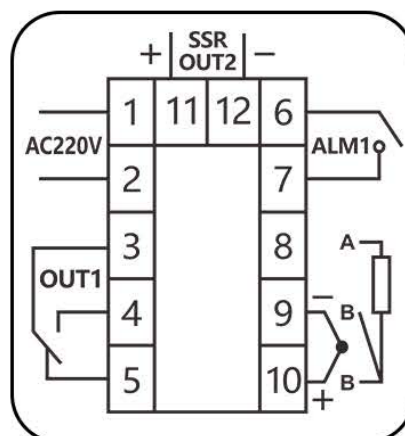
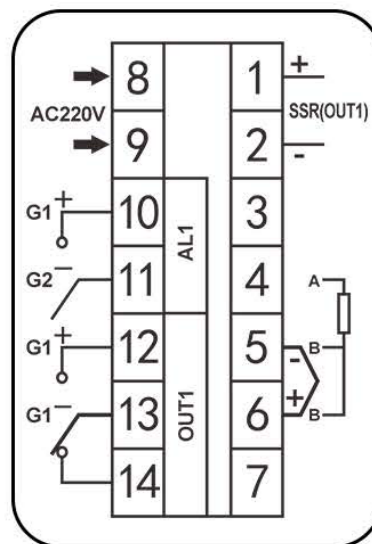
Connections are reproduced from the supplied reference; not a substitute for the product manual.

CONNECTION REFERENCES

Wiring illustrations 06

TERMINAL LAYOUTS

As illustrated in the source



Reference illustration. Confirm the exact model and terminal markings before installation.

Connections are reproduced from the supplied reference; not a substitute for the product manual.

Wiring illustrations 07

SSR / alarm wiring



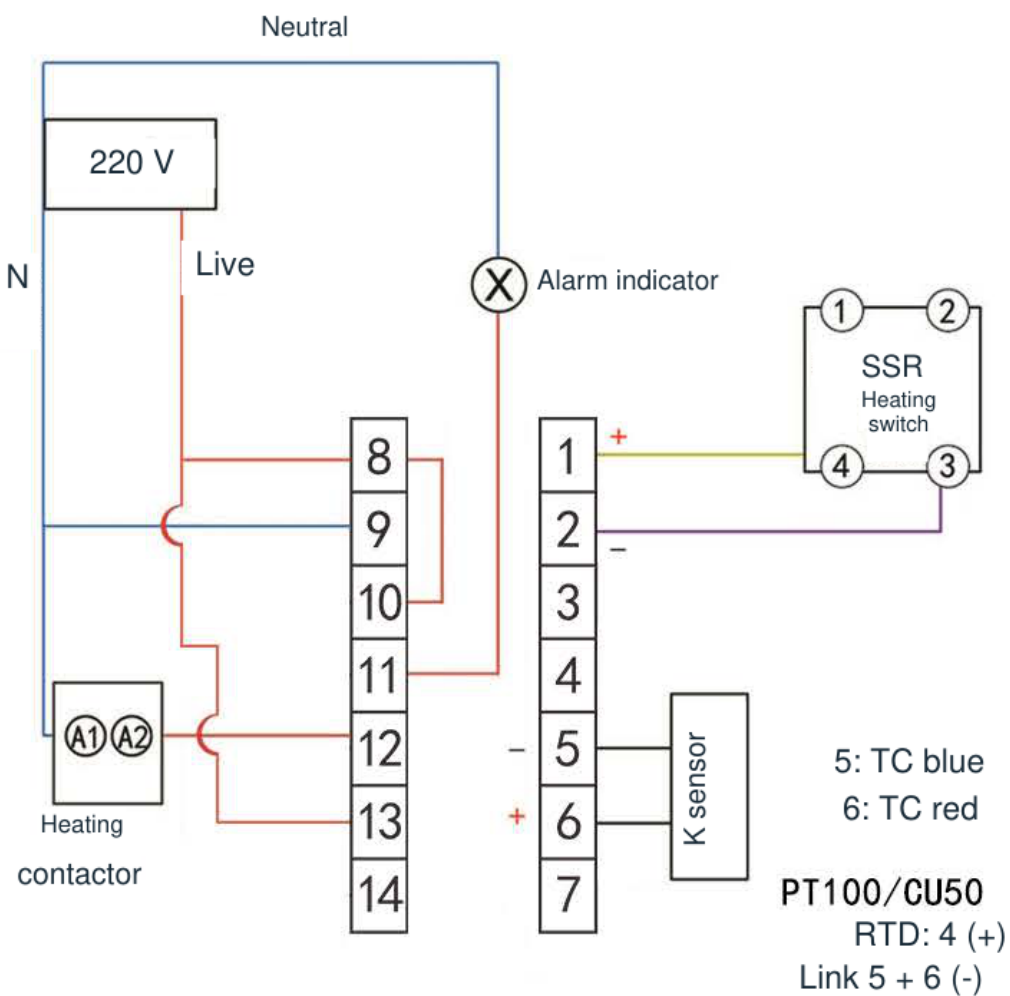
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CONNECTION REFERENCES

Wiring illustrations 08

CHB402 / CHB702 / CHB902

SSR / alarm wiring



CHB402 CHB702 CHB902

RTD labels reproduce the source diagram. Confirm the wiring for the exact product variant.

Connections are reproduced from the supplied reference; not a substitute for the product manual.

MODEL REFERENCE

Selection & quotation list

Original model entries retained. No unit prices were supplied in the source list.

NO.	MODEL / PRODUCT	NO.	MODEL / PRODUCT
01	FB-100T	18	CH102
02	FB-400T	19	CH402
03	FB-700T	20	CH702
04	FB-900T	21	CH902
05	TC6-S	22	REX-C100
06	TC6-M	23	REX-C400
07	TC6-L	24	REX-C700
08	TC4-S	25	REX-C900
09	TC4-M	26	E5C2
10	TC4-L	27	E5C4
11	TE3-S	28	E5EN
12	TE3-M	29	E5EM
13	TE3-L	30	TE3-L
14	CHB401	31	FB-72NTCDSYK
15	CHB402	32	Solid-State Relay
16	CHB702	33	Time Relay
17	CHB902	34	AC Contactor

Prices are subject to market changes. The quotation issued on the day shall prevail.

TE3-L is listed twice in the original reference (entries 13 and 30).

TEMPERATURE CONTROL

CONTROLLERS

SWITCHING COMPONENTS

CONTROL ACCESSORIES

Product images and model references are provided for selection. Specifications and wiring are subject to the exact product variant.