01 / Product and system dashboard

HONEYWELL

FTA-T-20

Relay termination assembly

Product role

Honeywell FTA-T-20 is an eight-channel relay field termination assembly with potential-free changeover contacts and individual relay-state indication.

FSC output
SIC connection

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FTA-T-20
Eight relays

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Field circuit
NO / NC contacts

Engineering scope

The listed values apply to the FTA-T-20 assembly. Component-level relay ratings do not override assembly limits; the connected FSC output and field load require separate matching.

02 / Verified identity and technical relationships

Property	Applicable fact	Property	Applicable fact
Channels	8	Output current	5 A maximum at assembly level
Output function	Non-fail-safe relay contacts	Switching voltage	250 Vac / 300 Vdc maximum
Contact arrangement	Potential-free NO / NC changeover	Switching capacity	1250 VA; 150 W at 30 Vdc, subject to DC load curve
Input voltage	24 Vdc nominal; 31 Vdc maximum	Protection	5 AT slow-blow fuse on each common contact
Cut-in voltage	19 Vdc	Indication	LED for each energized relay
Relay input current	27 mA typical at 24 Vdc	Mounting	TS32 or TS35 DIN rail

Configuration boundary

The listed values apply to the FTA-T-20 assembly. Component-level relay ratings do not override assembly limits; the connected FSC output and field load require separate matching.

03 / Applications and system integration

Relay isolation

Transfer FSC output commands to potential-free field contacts within the documented load limits.

Changeover field circuits

Use the NO or NC connection appropriate to the designed field state and control narrative.

Channel diagnostics

Compare each relay LED with commanded state and the observed field-circuit response.

Termination maintenance

Maintain the SIC connection, screw terminals and individual common-contact fuses during controlled service.

Functional context

Each relay has an energization LED, and the common contact is protected by a 5 AT slow-blow fuse. The assembly output limit is 5 A, with maximum switching voltage of 250 Vac or 300 Vdc. Switching capacity is load-dependent: 1250 VA for AC and 150 W at 30 Vdc for the stated DC condition; the DC load curve must be respected.

04 / Service and installation decisions

Identify the complete assembly

Match FTA-T-20 and the installed output interface before disconnecting wiring.

Isolate all contact supplies

Potential-free contacts may carry separately powered field circuits; isolate each applicable source.

Respect assembly ratings

Use the 5 A assembly limit and the AC or DC load conditions, including the DC switching curve.

Preserve fuse selection

Use the specified 5 AT slow-blow common-contact fuse; investigate a blown fuse before replacement.

Check contact assignment

Retain common, normally open and normally closed wiring and the required de-energized field state.

Verify the complete output loop

Test command, relay indication and field response under the approved commissioning procedure.

05 / Reference basis and related portfolio

Lifecycle and supply

A current manufacturer lifecycle phase has not been confirmed. Request current support and replacement guidance using the complete FTA-T-20 identity. Apter Power availability is confirmed separately in the quotation.

Reference basis

Honeywell FSC Hardware Manual, FTA-T-20 data sheet version 1.2.

Apter Power technical summary. Apply the original instructions for the actual installation.

Related industrial automation products

Navigation only; no substitution or compatibility claim.

Honeywell FC-SCNT02 51460114-176

Honeywell FC-MCAR-02

Honeywell FS-PDC-MB24-1P

Discuss your installed configuration

Send the full unit marking and connection details.

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