01 / Identity and job scope

HONEYWELL

MU-KBFT02 80366198-200

FTA bridge cable

Product role

Honeywell MU-KBFT02 80366198-200 is an FTA bridge-cable offer for linking the paired relay terminations of a configured Process Manager output arrangement.

MU-PDOY22
32-point output arrangement

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First relay FTA
Circuits 1–16

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Bridge / second FTA
Circuits 17–32

Applicability

The cable design and FTA relationships apply to MU-KBFT02. The supplied 80366198-200 marking is retained for exact item matching; confirm its connector and assembly identity against the offered unit.

Hardware and configuration

The MU-KBFT02 design connects two 16-point relay Field Termination Assemblies in the 32-point MU-PDOY22 digital-output arrangement. The bridge joins the terminations; it is a distinct cable function from the IOP-to-FTA cable. Retain both the supplied MU-KBFT02 and 80366198-200 markings during the installation match.

Planning basis

This Apter Power guide supports identification and engineering planning. Apply the complete manufacturer and machine-builder procedures for the actual installation.

02 / Configuration and interface readiness

Item	Configuration relationship
Cable function	FTA I/O bridge
Design length	2.0 m
Termination arrangement	2 relay FTAs
Circuits per relay FTA	Up to 16
Combined output arrangement	32 points
Processor relationship	MU-PDOY22 digital output
Screw-terminal FTA relationship	MU-TDOY63 pair

Technical context

One relay FTA supports up to 16 circuits. When circuits 17 through 32 are used, the arrangement requires two FTAs and the specified bridge between them. The 2.0 m MU-KBFT02 option supports this FTA-to-FTA connection; the selected terminal style and FTA identities must agree with the installed design.

How many circuits does one relay FTA support in the arrangement for MU-KBFT02 80366198-200?

One relay FTA supports up to 16 circuits.

When is a second relay FTA needed with MU-KBFT02 80366198-200?

A second FTA is required when circuits 17 through 32 of the 32-point output arrangement are used.

03 / Installation and connection decisions

Match both markings

Retain MU-KBFT02 80366198-200 and compare the connector details with the original cable.

Check FTA identities

Confirm the processor, both FTAs and the required terminal style.

Retain channel allocation

Identify the first 16 circuits and the second 16 circuits before removal.

Plan field behavior

Isolate or manage affected outputs before disconnecting the bridge.

Installation context

For the screw-terminal arrangement, two MU-TDOY63 relay FTAs serve the MU-PDOY22 output IOP. Preserve the first/second FTA channel allocation, connector orientation and cable routing. Confirm the actual assembly marking and available routing length, then check the intended output channels after controlled reconnection.

Which output IOP is associated with MU-KBFT02 80366198-200?

The documented bridge arrangement uses the MU-PDOY22 32-point digital-output IOP.

Which screw-terminal relay FTAs are connected by MU-KBFT02 80366198-200?

The documented screw-terminal arrangement combines two MU-TDOY63 relay FTAs.

04 / Functional acceptance planning

Application	Controlled review
Relay output expansion	Connect the second 16-circuit relay FTA when the configured output arrangement uses circuits 17–32.
Paired terminations	Maintain the intended bridge between the two relay FTAs rather than substituting a processor-interface cable.
Cabinet routing	Use the specified 2.0 m design option where it matches the installed routing and connector arrangement.
Output maintenance	Record the channel allocation and verify controlled output operation after reconnection.

Does MU-KBFT02 80366198-200 replace the IOP-to-FTA cable?

No. The bridge is the FTA-to-FTA connection; the processor connection is a separate cable function.

What must be retained when reconnecting MU-KBFT02 80366198-200?

Retain the first/second FTA channel allocation, connector orientation and approved routing, then verify the intended output circuits.

Release boundary

Verify the intended field response for both relay FTAs before release.

Record
Keep the original configuration

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Test
Observe controlled response

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Release
Authorize normal operation

05 / Technical handover and support

Retained information

Keep the complete MU-KBFT02 80366198-200 marking, host identity, connection photographs, configuration backup and controlled-test results in the service record.

Support planning

Confirm current support and replacement guidance with Honeywell for the installed identity and configuration. Apter Power availability and dispatch are separate quotation matters.

Reference basis

Honeywell TPS Process Manager I/O Specification and Technical Data, IO03-500, November 1997; HPM Planning, HP02-500, Release 530 Revision 05.

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

Related industrial automation products

Navigation only; no substitution or compatibility claim.

Honeywell K2LCN-4 51402615-400

Honeywell K2LCN-8 51401551-801

Honeywell 51401946-100

Discuss your installed configuration

Send the full unit marking and connection details.

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