

MU-KBFT02

FTA Bridge Cable

Honeywell MU-KBFT02 is a 2.0 m FTA bridge cable that connects two 16-point MU-TDOY63 relay FTAs for one 32-point MU-PDOY22 output processor.

PRODUCT SNAPSHOT

BRAND

Honeywell

FAMILY

TPS Process Manager I/O

PART

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PRODUCT OVERVIEW

Honeywell MU-KBFT02 is a 2.0 m FTA bridge cable that connects two 16-point MU-TDOY63 relay FTAs for one 32-point MU-PDOY22 output processor.

1

Bridges two relay-output FTAs

2

Carries the 32-point output interface

3

Pairs MU-TDOY63 assemblies

4

Connects the pair to MU-PDOY22

SYSTEM COMPONENTS

Two MU-TDOY63 relay FTAs

MU-PDOY22 output processor

TPS I/O cabinet

Cable strain-relief hardware

TECHNICAL DATA

PARAMETER	VALUE
Cable length	2.0 m
Cable function	FTA bridge
Connected FTAs	2 x MU-TDOY63

PARAMETER	VALUE
Supported processor	MU-PDOY22
Processor output points	32

APTER POWER

TECHNICAL NOTE

Route the 2.0 m bridge without sharp bends, match both MU-TDOY63 connectors and verify all 32 output assignments after reconnection.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Thirty-two relay-output panels

Bridges two relay-output FTAs

Motor starter interface banks

Carries the 32-point output interface

Alarm relay marshalling

Pairs MU-TDOY63 assemblies

Legacy TPS output maintenance

Connects the pair to MU-PDOY22

PRODUCT PRECAUTIONS

- 1 Verify the complete MU-KBFT02 marking and its assigned TPS Process Manager I/O position before work.
- 2 Isolate the applicable power and field energy before disconnecting MU-KBFT02.
- 3 Protect MU-KBFT02 connectors and electronic assemblies with approved ESD controls.
- 4 Record the installed wiring, channel assignment and configuration before replacement.
- 5 Match Two MU-TDOY63 relay FTAs and MU-PDOY22 output processor to the documented system arrangement.
- 6 Commission MU-KBFT02 with controlled status, signal and diagnostic checks.
- 7 Retain the final thirty-two relay-output panels functional-test result in the maintenance record.

ENGINEER FAQ

Q1 Does MU-KBFT02 match Two MU-TDOY63 relay FTAs in a Thirty-two relay-output panels installation?

Verify the complete MU-KBFT02 marking, the documented TPS Process Manager I/O position and the installed Two MU-TDOY63 relay FTAs before fitting the assembly.

Q2 How should MU-KBFT02 be wired when it must bridges two relay-output ftas?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for MU-KBFT02; then continuity-test the affected path.

Q3 Which TPS Process Manager I/O records should be captured before removing MU-KBFT02?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with MU-KBFT02 before disconnection.

Q4 What controlled test confirms that MU-KBFT02 can carries the 32-point output interface?

Apply the approved field or simulated stimulus, observe the TPS Process Manager I/O indication and confirm the intended response without bypassing the normal interlocks.

Q5 Which MU-PDOY22 output processor condition should be checked when MU-KBFT02 reports an abnormal state?

Check the MU-PDOY22 output processor supply, seating and connection first, then compare channel diagnostics with the recorded MU-KBFT02 baseline.

Q6 Can MU-KBFT02 be moved directly into Motor starter interface banks without validating Cable strain-relief hardware?

No. Confirm the Cable strain-relief hardware, revision, connection scheme and TPS Process Manager I/O configuration before transferring MU-KBFT02 to that duty.

Q7 What maintenance evidence is required after MU-KBFT02 is used for Alarm relay marshalling?

Retain the nameplate record, corrective action, final diagnostics and a controlled alarm relay marshalling functional-test result for MU-KBFT02.

Q8 How should MU-KBFT02 be returned to service in Legacy TPS output maintenance?

Restore power under control, verify pairs mu-tdoy63 assemblies, exercise the intended signal path and release MU-KBFT02 only after the TPS Process Manager I/O remains in its approved operating state.

SOURCE Honeywell TPS Process Manager I/O Specification | IO03-684 Rev.2

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