

ABB S800 I/O

Product Data Sheet

TU830V1 3BSE013234R1

extended module termination unit

FUNCTION	FAMILY	ORIGIN	WEIGHT
extended module termination unit	ABB S800 I/O	Sweden	0.22 kg

ABB Advant S800 I/O TU830V1 3BSE013234R1 is a extended module termination unit for the ABB S800 I/O. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Exact Article Code	TU830V1 3BSE013234R1
Product Class	Extended Module Termination Unit
Product Family	ABB S800 I/O
MTU Type	Extended module termination unit (MTU Type)
Terminal Count	50 terminals class
I/O Module Width	One S800 I/O position
Field Voltage	24 V DC class
Maximum Current	10 A station distribution class
Module Bus	S800 I/O ModuleBus
Connector Keying	Mechanical keyed interface

ADDITIONAL PRODUCT DATA

Mounting	DIN rail
Shield Termination	Integrated field shield points
System Family	ABB S800 I/O (System Family)

OFFICIAL APPLICATIONS

- Supervise recipe mixing with Extended Module process control: During operation of the mixers and ingredient skids, TU830V1 3BSE013234R1 provides its specified system function as a extended module termination unit. During recipe changeover, the system uses this function to sequence material transfers and equipment permissives, helping it preserve the verified batch state.
- Route distillation control with Extended Module: Inside the columns, reboilers and reflux circuits, TU830V1 3BSE013234R1 operates in its approved product-family role as a extended module termination unit. During feed-composition change, the system uses this function to coordinate temperature, pressure and inventory loops, helping it maintain separation performance.
- Govern compressor-train operation with Extended Module: As part of the compressors, seals and antisurge loops, TU830V1 3BSE013234R1 provides its specified system function as a extended module termination unit. During throughput change, the system uses this function to coordinate the control and protection signals for the train, helping it keep the rotating train inside its operating envelope.

SYSTEM COMPATIBILITY

Match TU830V1 3BSE013234R1 to the installed ABB S800 I/O, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB official product documentation and manufacturer catalog](#)

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM