

INDUSTRIAL AUTOMATION PRODUCT

TU835V1 3BSE013236R1

TU835V1 extended module termination unit

Eight fused field-power outlets and eight signal terminations

IDENTITY	VERIFIED VALUE
Manufacturer	ABB
System family	ABB Advant OCS and S800 I/O termination
Part number	TU835V1 3BSE013236R1
Country	Sweden
HS code	8537101190

APTER POWER SALES TEAM

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Technical Specifications

Technical values below are limited to the named ABB product record.

PARAMETER	TECHNICAL VALUE
Article number	3BSE013236R1
Type designation	TU835V1
Rated isolation voltage	50 V
Fused power outlets	8
Signal terminals	8

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	compatible ABB S800 I/O module
Companion hardware	ModuleBus arrangement
Field connection	field power conductors
Primary system function	Provides eight fused power outlets
Controlled acceptance duty	S800 I/O field termination

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System Role and Architecture

Eight fused field-power outlets and eight signal terminations

FUNCTION 1

Provides eight fused power outlets

FUNCTION 2

Provides eight signal terminals

FUNCTION 3

Uses a fifty-volt isolation rating

FUNCTION 4

Supports compact S800 I/O field termination

Matched system components

- compatible ABB S800 I/O module
- ModuleBus arrangement
- field power conductors
- signal terminal wiring

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	compatible ABB S800 I/O module
Companion hardware	ModuleBus arrangement
Field connection	field power conductors
Primary system function	Provides eight fused power outlets
Controlled acceptance duty	S800 I/O field termination

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Applications and Engineering Context

S800 I/O field termination

Provides eight fused power outlets

Fused channel-power distribution

Provides eight signal terminals

Control-cabinet wiring organization

Uses a fifty-volt isolation rating

Termination-unit replacement

Supports compact S800 I/O field termination

TECHNICAL NOTE

Verify TU835V1 and article number 3BSE013236R1, isolate every field-power feed, label all eight signal and fused-power conductors, and test the paired S800 I/O channels after installation.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	TU835V1 3BSE013236R1 / TU835V1 3BSE013236R1 recorded
Physical interface	compatible ABB S800 I/O module
Companion check	ModuleBus arrangement
Functional proof	Provides eight fused power outlets
Application test	S800 I/O field termination

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Engineering Precautions

- 1 Verify the complete TU835V1 3BSE013236R1 marking and its assigned ABB Advant OCS and S800 I/O termination position before work.
- 2 Place the connected s800 i/o field termination process in the approved maintenance state.
- 3 Isolate applicable power and eight fused field-power outlets and eight signal terminations field energy before disconnecting conductors.
- 4 Record connector, conductor, address, firmware and software identities before removal.
- 5 Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
ABB 35AE92A-ER0002081060005	Related industrial automation product	View ABB 35AE92A-ER0002081060005 page
ABB 07ZE61R302-GJV3074321R3 02	Related industrial automation product	View ABB 07ZE61R302-GJV3074321R302 page
ABB 07SK90R1-GJR5250200R000 1	Related industrial automation product	View ABB 07SK90R1-GJR5250200R0001 page
ABB 07PS62R2-GJV3074332R2	Related industrial automation product	View ABB 07PS62R2-GJV3074332R2 page
ABB 07NG61R1-GJV3074311R1	Related industrial automation product	View ABB 07NG61R1-GJV3074311R1 page
ABB 07KT97-WT97	Related industrial automation product	View ABB 07KT97-WT97 page
ABB 07KT92-JR5250500R0902	Related industrial automation product	View ABB 07KT92-JR5250500R0902 page
ABB 07KR91-GJR5250000R0101	Related industrial automation product	View ABB 07KR91-GJR5250000R0101 page

MANUFACTURER SOURCE RECORD

ABB Freelance and S800 I/O Product Catalog

3BDD015188

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