CI547 3BNP004429R1

MasterBus 300 Communication Board with Slave Processor

A model-specific manufacturer data register. It records verified identifiers and ratings while leaving installation procedure and full page narrative to the two separate product documents.

Verified manufacturer data register

Protocol family	MasterBus 300 / MasterBus 300E
ABB product ID	3BNP004429R1
Type designation	CI547
System platform	Advant Master AC 450 / AC 460 and MasterBus 300
Product type	MasterBus 300 Communication Board with Slave Processor
Complete product reference	CI547 3BNP004429R1

Evidence classification

Exact-item fact	Applies when the complete marking on the offered unit agrees with this reference.
Family or platform fact	Describes the documented system relationship and does not authorize adjacent-model substitution.
Installation-dependent fact	Must be confirmed from the machine drawing, cabinet record and connected hardware.
User-confirmed logistics	Kept on the public summary and intentionally excluded from this technical document.

Article-number reading rule

Read every letter, digit, hyphen, slash and revision suffix from the physical ABB label. A shortened designation is useful for recognition, but the complete article identity controls the technical match.

Technical identity worksheet

Label photograph	Front and rear label images retained with readable article and revision fields
Literal transcription	CI547 3BNP004429R1 / observed revision: _____
Installed position	Cabinet, rack, slot or panel location: _____
Mating hardware	Connector, terminal, backplane or companion-board identity: _____
Drawing reference	Approved drawing and revision: _____
Difference log	None / describe every marking or interface difference before approval

Remaining verified technical fields

Replacement basis	Complete marking and installed-system evidence
Lifecycle context	While-supplies-last installed-base part
Network boundary	Bus media, node configuration and controller database
Replacement basis	Product ID, board revision and MB300 execution
Module class	Communication module
Installed controller use	AC 450 / AC 460 installed base
Host benefit	Reduces load on central processor module PM150
Processor arrangement	Includes slave processor
Board role	Communication interface

Reference-use matrix

Before quotation	Compare the complete reference and request clear current-unit photographs.
Before removal	Capture installed position, companion hardware and connector or terminal identity.
Before energization	Resolve every article, interface and system-drawing difference.
Before handover	Retain the measured result and responsible approval for the restored function.
Source record	ABB Advant Master AC 450 installed-base parts documentation

Related product references and contact

Recommended product	ABB DSQC406 3HAC035301-001
Recommended product	ABB DSQC604 3HAC12928-1
Recommended product	ABB DSQC608 3HAC12934-1
Recommended product	ABB DSQC611 3HAC13389-2
Recommended product	ABB DSQC652 3HAC025917-001

Discuss the exact marking and installed relationship with Apter Power.
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