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Data Sheet

August 15, 2026

ABB / BALDOR

ABB / Baldor BTS10-7.5/20-24-RL-712 Brushless Servo Amplifier Control Card

The ABB/Baldor BTS10-7.5/20-24-RL-712 is a Brushless Servo Amplifier Control Card designed for precise motor control in industrial automation applications. It ensures accurate positioning and speed control, enhancing system performance and reliability. This card is ideal for demanding environments requiring high precision and responsiveness.

**MODEL****ABB / Baldor
BTS10-7.5/20-24-
RL-712****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****BTS10-7.5/20-24-
RL-712****LISTING**[https://aumictechlabs.c
om/products/bts10-7-5
-20-24-rl-712-2/](https://aumictechlabs.com/products/bts10-7-5-20-24-rl-712-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The ABB/Baldor BTS10-7.5/20-24-RL-712 is a brushless servo amplifier control card engineered for industrial automation systems demanding precise motor commutation and control. This discontinued component remains available through specialized third-party suppliers and is a replacement or spare part in legacy ASR BTS 10 R/RL-Series installations. Technical Specifications The BTS10-7.5/20-24-RL-712 belongs to the ASR BTS-10 product family. While exact electrical ratings for this specific model variant are not available in standard references, the model designation indicates a 7.5 A continuous / 20 A peak current architecture with nominal 24 V bus voltage references consistent with the broader BTS10 series. Input architecture aligns with 200

VDC bus conventions established across comparable BTS10 variants. Key Features LED status indicators for operational monitoring MCT connector for system integration and signal routing Metal baseboard construction for mechanical stability and thermal management R/RL-Series designation denoting regenerative or load-holding capability variants Typical Applications This control card addresses servo motor drive requirements in industrial machinery, automation platforms, and motion control systems where brushless motor commutation precision is critical. Legacy installations and OEM equipment retrofits represent primary deployment scenarios. Compatibility & Integration The BTS10-7.5/20-24-RL-712 integrates within ASR BTS 10 R/RL-Series ecosystems. Direct hardware compatibility extends to systems specified for this model family; however, cross-compatibility with other BTS series generations (BTS5, BTS20) requires detailed design review. Accessories, manuals, calibration data, and support documentation are not included with third-party sourcing unless explicitly noted in item listings. End-of-life status from the original manufacturer means design changes and production updates have ceased; verification of mechanical and electrical compatibility with existing installations is recommended before procurement.

BTS10752024RL712 Characteristics / Specifications

PARAMETER	VALUE
Model	BTS10-7.5/20-24-RL-712
Instrument Type	Brushless servo amplifier control card
Family	Baldor ASR BTS 10 R/RL
Current Configurator	7.5/20 A
Logic Supply	24 V as coded in 24-RL
Card Build	RL-712
Feedback Class	resolver-capable R/RL series
Connector	MCT
Indicators	LED status
Base	metal baseboard
Related Documented Input	200 Vdc class on BTS10-5/10-24-RL companions
Related Documented Output Voltage	AC 0 to 153 V class on BTS10-5/10-24-RL companions
Manufacturer	ABB Baldor
Literature	Baldor ASR BTS 10 R/RL series listings for BTS10-7.5/20-24-RL-712
Form Factor	servo amplifier control card on metal baseboard
System Role	brushless servo axis amplifier
Brand Lineage	Baldor ASR ABB
Drive Class	brushless servo
Logic Class	24 V
Current Class	7.5/20 A
Series Class	BTS 10 R/RL
Control Class	RL-712 card
Mounting Class	metal baseboard
Interface Class	MCT connector

BTS10752024RL712 Specifications

PARAMETER	VALUE
Applications	Brushless servo axis drive in industrial motion systems using Baldor ASR BTS 10 R/RL amplifiers.
Key Features	BTS10 R/RL brushless servo platform
Technical Specifications	Model: BTS10-7.5/20-24-RL-712

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Series Class	BTS 10 R/RL
Control Class	RL-712 card
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Interface Class	MCT connector
Notes	
Identity and 7.5/20 A / 24 V / RL-712 coding from the Baldor BTS10-7.5/20-24-RL-712 listing; 200 Vdc and 0 to	

153 Vac figures cited only as documented on companion BTS10-5/10-24-RL R/RL pages. Continuous/peak current and PWM frequency for the 7.5/20 build are on the BTS10 R/RL hardware manual model table.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.