

INDUSTRIAL AUTOMATION PRODUCT

8I74T400075.010-1

0.75 kW ACOPOSinverter Drive

B&R 8I74T400075.010-1 is a 0.75 kw acoposinverter drive for the documented ACOPOSinverter installation.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	B&R
System family	ACOPOSinverter
Part number	8I74T400075.010-1
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Confirm B&R 8I74T400075.010-1, ACOPOSinverter installation, 3-phase 380 to 500 VAC supply and motor output, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

System Role and Architecture

B&R 8I74T400075.010-1 is a 0.75 kw acoposinverter drive for the documented ACOPOSinverter installation.

FUNCTION 1
Provides three-phase induction-motor speed control

FUNCTION 2
Uses exact B&R article identity
8I74T400075.010-1

FUNCTION 3
Matches referenced execution:
8I74T400075.01P-1

FUNCTION 4
Matches motor power: 0.75 kW / 1 HP

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	ACOPOSinverter
02	ACOPOSinverter installation
03	3-phase 380 to 500 VAC supply and motor output
04	Approved wiring, shielding and grounding arrangement

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	ACOPOSinverter
Interface role	three-phase induction-motor speed control
Field / power context	ACOPOSinverter installation
Commissioning evidence	Identity, gap, polarity, response and alarm diagnostics recorded

INSTALLATION AND CONNECTION CHECKS

- 1

Confirm the complete B&R 8I74T400075.010-1 marking and installed ACOPOSinverter position before work.
- 2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.
- 3

Record 3-phase 380 to 500 VAC supply and motor output, terminal assignments, shielding and protective-ground connections before removal.
- 4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Referenced execution	8I74T400075.01P-1	Current at 500 VAC	2.7 A
Motor power	0.75 kW / 1 HP	Integrated EMC filter	Yes
Mains supply	3 x 380 VAC -15% to 500 VAC +10%	Motor cable	50 m shielded; 100 m unshielded
Frequency	50 to 60 Hz +/-5%	Control	Sensorless vector or slip control
Current at 380 VAC	3.6 A		

ENGINEERING BOUNDARY

Confirm B&R 8I74T400075.010-1, ACOPOSinverter installation, 3-phase 380 to 500 VAC supply and motor output, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

PRE-INSTALLATION CHECKS

- 1

Confirm the complete B&R 8I74T400075.010-1 marking and installed ACOPOSinverter position before work.
- 2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.
- 3

Record 3-phase 380 to 500 VAC supply and motor output, terminal assignments, shielding and protective-ground connections before
- 4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.

Applications and Engineering Context

ACOPOSinverter system maintenance

Restores three-phase induction-motor speed control in the documented installation.

Controlled hardware replacement

Preserves the exact 8I74T400075.010-1 identity and approved configuration.

Interface verification

Confirms 3-phase 380 to 500 VAC supply and motor output before energization.

Functional recommissioning

Reviews diagnostics and records the controlled system response.

TECHNICAL NOTE

Confirm B&R 8I74T400075.010-1, ACOPOSinverter installation, 3-phase 380 to 500 VAC supply and motor output, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	8I74T400075.010-1 recorded
Host / carrier	ACOPOSinverter
Physical interface	3-phase 380 to 500 VAC supply and motor output matched
Configuration	Exact installed configuration and assignments restored
Functional proof	Controlled three-phase induction-motor speed control response recorded

IMPORTANT NOTICE

Confirm B&R 8I74T400075.010-1, ACOPOSinverter installation, 3-phase 380 to 500 VAC supply and motor output, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER	
01	Bently Nevada 330190-040-01-00
02	Bently Nevada 330103-00-07-10-02-CN
03	Bently Nevada 330706-005-046-10-02-05
04	Bently Nevada 129957-085-310-05
05	Bently Nevada 330190-085-00-05
06	Bently Nevada 330102-00-79-05-02-05
07	Bently Nevada 330102-00-43-05-02-05
08	Bently Nevada 330101-XX-XX-20-02-CN

Navigation links only - not manufacturer evidence for technical parameters.

MANUFACTURER SOURCE RECORD

B&R 8I74T400075.010-1 product data | ACOPOSinverter 74 installation instructions

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