

ABB ADVANT OCS AND ADVANT-800XA

Product Data Sheet

3BSE011789R1 PXAK402

industrial control module assembly

FUNCTION industrial control module assembly	FAMILY ABB Advant OCS and Advant-800xA	ORIGIN Switzerland	WEIGHT 0.24 kg
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ABB Advant OCS and Advant-800xA 3BSE011789R1 PXAK402 is a industrial control module assembly for the ABB Advant OCS and Advant-800xA. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Temperature	0°C to +60°C
Humidity	5-95% non-condensing
Vibration	5-500Hz, 2G
I/O Capacity	16 digital inputs (24V DC)
Processing Speed	1ms scan time (typical)
Memory	64KB SRAM
Power Supply	24V DC (±10%)
Consumption	5W (typical)
Isolation	1500V AC (channel-to-channel)
Exact Article Code	3BSE011789R1 PXAK402

ADDITIONAL PRODUCT DATA

Board Designation	PXAK402
Product Family	ABB Advant OCS and Advant-800xA
Component Type	Industrial Control Module Assembly
Assembly Class	ABB PCB assembly
System Interface	ABB Advant OCS and Advant-800xA control interface

OFFICIAL APPLICATIONS

- Supervise aseptic filling with Industrial Control: Across the fillers and container conveyors, 3BSE011789R1 PXAK402 serves its documented function as a industrial control module assembly. During line-speed ramp, the system uses this function to keep container flow synchronized with filling demand, helping it move accepted containers toward inspection.
- Synchronize gas treatment with Industrial Control: Inside the separators, contactors and regeneration skids, 3BSE011789R1 PXAK402 serves its documented function as a industrial control module assembly. During process upset, the system uses this function to stabilize vessel and regeneration conditions, helping it restore product specification after the disturbance.
- Track product blending with Industrial Control: For the coordinated operation of the component tanks and blend headers, 3BSE011789R1 PXAK402 performs its assigned control role as a industrial control module assembly. During blend correction, the system uses this function to adjust component addition from quality feedback, helping it bring the blend toward its release target.

SYSTEM COMPATIBILITY

Match 3BSE011789R1 PXAK402 to the installed ABB Advant OCS and Advant-800xA, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB Advant OCS and Advant-800xA documentation](#)

<https://new.abb.com/control-systems>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM