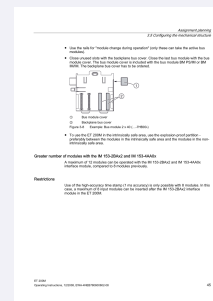


AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

Siemens 6ES7195-7HB00-0XA0

ET 200M active bus module



I/O POSITIONS	MODULE WIDTH	BACKPLANE	WEIGHT
2	40 mm each	S7-300	Approx. 0.14 kg

Siemens 6ES7195-7HB00-0XA0 is the BM 2 x 40 active bus module for one or two 40 mm-wide S7-300 I/O modules in an ET 200M station. It maintains the backplane connection when an I/O module is absent.

01 VERIFIED PRODUCT PARAMETERS

I/O mounting positions	One or two I/O modules
Supported I/O module width	40 mm per module
Backplane continuity	Other modules remain reachable when an I/O module is absent
Required mounting rail	Active-bus rail, Siemens 6ES7195-1Gxx0-0XA0
Bus-module installation state	De-energized only
Vacant-slot protection	Backplane bus cover required on unused I/O positions
End-of-bus protection	Bus module cover required on the last bus module
Mounting clearance	At least 40 mm above and below the station rail
Rail protective conductor	Minimum cross-section 10 mm ² ; low-impedance connection
Equipment enclosure	Housing, cabinet or controlled electrical operating area

Technical values were verified against Siemens ET 200M manual EWA-4NEB780600602-08: ST 70 2023 and the Siemens Industry Mall record for the exact article number.

02 MECHANICAL AND LIFECYCLE DATA

Dimensions (W x H x D)	97 x 92 x 30 mm; installed width 80 mm
Weight (official catalog)	Approx. 0.14 kg
Country of origin	Germany
Service identity	BM 2 x 40; keep the complete ordered article number

03 SYSTEM ROLE AND APPLICATIONS

This is a backplane component, not an I/O signal converter. Removal and insertion during operation requires the documented station configuration; the active bus module itself must be installed with power isolated.

- Serviceable remote I/O: maintain backplane access during an approved I/O-module exchange.
- Redundant process stations: support 40 mm I/O beside a correctly configured dual-IM assembly.
- Mixed signal acquisition: mount compatible 40 mm input/output modules on an ET 200M active backplane.

04 OFFICIAL INSTALLATION FACTS

- Isolate station power before installing or replacing the active bus module.
- Use the specified active-bus rail; provide 40 mm clearance above and below the rail.
- Hook the BM 2 x 40 onto the rail and slide it left until the adjacent bus connectors engage.
- Seat I/O modules squarely in the side guides; secure them so the bus module is fixed to the rail.

05 OFFICIAL DOCUMENTATION

Siemens ET 200M manual EWA-4NEB780600602-08; ST 70 2023

AMIKON PRODUCT SUPPORT

Amikon Limited | INFO@AMIKON.CN