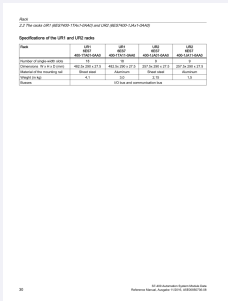


AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

Siemens 6ES7400-1TA11-0AA0

UR1 Aluminum Rack



SLOTS	MATERIAL	WIDTH	BUSES
18	Aluminum	482.5 mm	I/O + C

Siemens 6ES7400-1TA11-0AA0 is the aluminum SIMATIC S7-400 UR1 universal rack with 18 single-width slots. It mechanically supports the modules and connects them through the I/O and communication buses. The rack measures 482.5 x 290 x 27.5 mm and is specified for central controllers and expansion units.

01

VERIFIED PRODUCT PARAMETERS

Single-width slots	18
Mounting rail material	Aluminum
Rack width	482.5 mm
Rack height	290 mm
Rack depth	27.5 mm
I/O backplane bus	Present
Communication backplane bus	Present
Station roles	Central rack or expansion rack
Central-rack module restriction	Receive interface modules excluded
Expansion-rack module restriction	CPUs and send interface modules excluded

Technical values were verified against Siemens S7-400 A5E00850736-08, 11/2016; ST 400, 05/2017 and the Siemens Industry Mall record for the exact article number.

02 ADDITIONAL TECHNICAL DATA

IM 461-1 power-supply restriction	No local power supply module with IM 461-1 receive IM
Local ground connection	Provided on the rack

03 SYSTEM ROLE AND APPLICATIONS

The official manual distinguishes the modules allowed in a central rack from those allowed in an expansion rack. The selected CPU, interface modules and power supply determine the completed station; the rack article is not a preconfigured control system. Check the full module layout and installation documentation before ordering.

- Assemble the main controller rack: Use the UR1 to arrange the selected S7-400 power supply, CPU and permitted modules on the documented backplane. Reserve space by actual module width and keep receive interfaces out of the central rack configuration.
- Extend the local module arrangement: Configure an expansion UR1 with the appropriate receive interface and permitted modules. Exclude CPUs and send interfaces, and apply the specific supply rule when the chosen receiver is an IM 461-1.
- Plan an S7-400H rack arrangement: The Siemens catalog lists UR1 as suitable for S7-400H. Use it within the documented redundant-system architecture and verify the required CPUs, synchronization and power equipment separately. UR1 is not the split-bus UR2-H rack.

04 OFFICIAL INSTALLATION FACTS

- Have qualified personnel isolate the affected station and follow the complete S7-400 installation procedure.
- Check the UR1 mounting drawing and cabinet space for the rack plus installed modules and wiring.
- Identify and provide the documented local-ground connection before the completed station is energized.
- Restore the approved slot allocation and inspect guides and backplane connectors before fitting modules.

05 OFFICIAL DOCUMENTATION

Siemens S7-400 A5E00850736-08, 11/2016; ST 400, 05/2017

AMIKON PRODUCT SUPPORT

Amikon Limited | INFO@AMIKON.CN