MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Selected official pages for procurement and maintenance review

PRODUCT BRAND

Siemens

PRODUCT MODEL

6ES7153-2AR04-0XA0

ET 200M Redundancy Bundle. Relevant section pages: 1220. Adjacent model text on shared pages is outside this product reference.

OFFICIAL SOURCE

SIMATIC Products for Totally Integrated Automation - Catalog ST 70; 2023

Siemens original documentation and product reference

ST 70 2023 catalog excerpt for bundle identification, not an installation manual. No installation instructions are included.

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN

AMIKONG.COM

Amikon Limited prepared this independent reference package. Selected manufacturer pages follow with their original content and pagination visible.

© Siemens 2023

Overview



The ET 200M system with various interface modules is available for the distributed use of S7-300 I/O modules. Depending on the application purpose, the best suited IM in terms of costs and functions can be selected:

IM153-1 Standard

The IM153-1 is one reasonably priced variant that is excellently suited for most applications in the manufacturing environment. It permits the use of up to 8 S7-300 I/O modules.

IM153-2 High Feature

For higher requirements in manufacturing technology, such as the use of F technology or the highest performance in conjunction with clock synchronization, the IM153-2 High Feature is available. This IM is also designed for use with the PCS7 in the field of process-oriented applications. This IM can be redundantly used and supports typical functions as they are required in the control field. These include, for example, clock synchronization or time stamping with an accuracy of up to 1 ms.

Ordering data

	Article No.
IM 153-1 interface module	
Slave interface for connecting an ET 200M to PROFIBUS DP	
• Standard temperature range	**6ES7153-1AA03-0XB0**
IM 153-2 interface module	
Slave interface for connecting an ET 200M to PROFIBUS DP; also for use in redundant systems	
• High Feature	**6ES7153-2BA10-0XB0**
• High Feature with extended temperature range	**6ES7153-2BA70-0XB0**
Active IM 153/IM 153 bus module	**6ES7195-7HD10-0XA0**
For two IM 153-2 High Feature modules for designing redundant systems	
Bus module for ET 200M	
• For accommodating a power supply and an IM 153 module for the hot-swapping function during RUN, incl. bus module cover	**6ES7195-7HA00-0XA0**
• For accommodating two 40 mm-wide I/O modules for the hot-swapping function	**6ES7195-7HB00-0XA0**
• For accommodating one 80 mm-wide I/O module for the hot-swapping function	**6ES7195-7HC00-0XA0**
ET 200M redundancy bundle	**6ES7153-2AR04-0XA0**
Comprising two IM 153-2 High Feature modules and one IM 153/IM 153 bus module	

	Article No.
Accessories	
PROFIBUS bus connector	
90° outgoing cable, terminating resistor with disconnecting function, up to 12 Mbps, FastConnect	
Without PG interface	
• 1 unit	**6ES7972-0BA52-0XA0**
• 100 units	**6ES7972-0BA52-0XB0**
With PG interface	
• 1 unit	**6ES7972-0BB52-0XA0**
• 100 units	**6ES7972-0BB52-0XB0**
SIMATIC DP DIN rail for ET 200M	
Accommodates up to 5 bus modules; for hot-swapping function	
• Length: 483 mm (19")	**6ES7195-1GA00-0XA0**
• Length: 530 mm	**6ES7195-1GF30-0XA0**
• Length: 620 mm	**6ES7195-1GG30-0XA0**
• Length: 2000 mm	**6ES7195-1GC00-0XA0**
SIMATIC S7-300 DIN rail	
• Length: 160 mm	**6ES7390-1AB60-0AA0**
• Length: 480 mm (19")	**6ES7390-1AE80-0AA0**
• Length: 530 mm	**6ES7390-1AF30-0AA0**
• Length: 830 mm	**6ES7390-1AJ30-0AA0**
• Length: 2000 mm	**6ES7390-1BC00-0AA0**
S7 Manual Collection	**6ES7998-8XC01-8YE0**
Electronic manuals on DVD, multi-language: All manuals for S7-1200/1500/200/300/400,LOGO!, SIMATIC DP, PC, PG, STEP 7, Engineering SW, Runtime SW, SIMATIC HMI, SIMATIC NET, SIMATIC IDENT	
S7 Manual Collection update service for 1 year	**6ES7998-8XC01-8YE2**
Scope of delivery: Current DVD "S7 Manual Collection" and the three subsequent updates	