

SIMATIC S7-1500 / ET 200MP active backplane bus 4 slots for inserting S7-1500 I/O modules for hot swapping for use in the ET 200MP with IM 155-5 PN HF (from FW V4.4.1); S7-1500 mounting rail and slot covers to be ordered separately



Figure similar

General information	
Product type designation	Active Backplane ST 1+4 Slot
HW functional status	from FS01
Firmware version	from V1.0.0
<ul style="list-style-type: none"> FW update possible 	Yes
Product function	
<ul style="list-style-type: none"> I&M data 	Yes; I&M0 to I&M3
<ul style="list-style-type: none"> Isochronous mode 	Yes
<ul style="list-style-type: none"> Prioritized startup 	Yes
Engineering with	
<ul style="list-style-type: none"> STEP 7 TIA Portal configurable/integrated from version 	V16 / V17
<ul style="list-style-type: none"> STEP 7 configurable/integrated from version 	V5.6 and higher
<ul style="list-style-type: none"> PROFINET from GSD version/GSD revision 	V2.35 / -
Power	
Power consumption from the backplane bus	2 W
Power loss	
Power loss, typ.	2 W
Hardware configuration	
Slots	
<ul style="list-style-type: none"> Grid size 	35 mm; Utilization of 25 mm-wide modules possible
<ul style="list-style-type: none"> Number of slots 	5
<ul style="list-style-type: none"> — of which for CPU, max. 	1; for S7-1500H CPU with CPU firmware V3.1 or higher; interface modules up to V1.1.0 only (active backplane bus)
<ul style="list-style-type: none"> — of which for IM, max. 	1
<ul style="list-style-type: none"> — of which for PS, max. 	4; Max. 2 PS per station
<ul style="list-style-type: none"> — of which for IO/CM/CP/TM, max. 	4
<ul style="list-style-type: none"> — of which for F-IO, max. 	4
<ul style="list-style-type: none"> Number of single-width slots, max. 	4
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> horizontal installation, min. 	-30 °C
<ul style="list-style-type: none"> horizontal installation, max. 	60 °C
<ul style="list-style-type: none"> vertical installation, min. 	-30 °C
<ul style="list-style-type: none"> vertical installation, max. 	40 °C
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> min. 	-40 °C
<ul style="list-style-type: none"> max. 	70 °C
Altitude during operation relating to sea level	

• Installation altitude above sea level, max.

5 000 m; Restrictions for installation altitudes > 2 000 m, see manual

Dimensions

Width	154 mm
Height	99 mm
Depth	14 mm

Weights

Weight, approx.	128 g
-----------------	-------

Classifications

	Version	Classification
eClass	14	27-24-22-03
eClass	12	27-24-22-03
eClass	9.1	27-24-22-03
eClass	9	27-24-22-03
eClass	8	27-24-22-03
eClass	7.1	27-24-22-03
eClass	6	27-24-22-03
ETIM	10	EC000810
ETIM	9	EC000810
ETIM	8	EC000810
ETIM	7	EC000810
IDEA	4	3560
UNSPSC	15	32-15-17-04

Approvals / Certificates

General Product Approval

[Manufacturer Declaration](#)



General Product Approval

For use in hazardous locations



[Manufacturer Declaration](#)



[FM](#)

[CCC-Ex](#)



For use in hazardous locations

Maritime application



[Type Examination Certificate](#)

[Miscellaneous](#)

[CCC-Ex](#)



Maritime application



[NK / Nippon Kaiji Kyokai](#)



[CCS \(China Classification Society\)](#)

[KR \(Korean Register of Shipping\)](#)

last modified:

11/8/2024