

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"> <li>FW update possible</li> </ul>	Yes
Product function	
<ul style="list-style-type: none"> <li>I&amp;M data</li> </ul>	Yes; I&M0 to I&M3
<ul style="list-style-type: none"> <li>Isochronous mode</li> </ul>	Yes
<ul style="list-style-type: none"> <li>Prioritized startup</li> </ul>	Yes
Engineering with	
<ul style="list-style-type: none"> <li>STEP 7 TIA Portal configurable/integrated from version</li> </ul>	V16 / V17
<ul style="list-style-type: none"> <li>STEP 7 configurable/integrated from version</li> </ul>	V5.6 and higher
<ul style="list-style-type: none"> <li>PROFINET from GSD version/GSD revision</li> </ul>	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"> <li>Grid size</li> </ul>	35 mm; Utilization of 25 mm-wide modules possible
<ul style="list-style-type: none"> <li>Number of slots</li> </ul>	5
<ul style="list-style-type: none"> <li>— of which for CPU, max.</li> </ul>	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"> <li>— of which for IM, max.</li> </ul>	1
<ul style="list-style-type: none"> <li>— of which for PS, max.</li> </ul>	4; Max. 2 PS per station
<ul style="list-style-type: none"> <li>— of which for IO/CM/CP/TM, max.</li> </ul>	4
<ul style="list-style-type: none"> <li>— of which for F-IO, max.</li> </ul>	4
<ul style="list-style-type: none"> <li>Number of single-width slots, max.</li> </ul>	4
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> <li>horizontal installation, min.</li> </ul>	-30 °C
<ul style="list-style-type: none"> <li>horizontal installation, max.</li> </ul>	60 °C
<ul style="list-style-type: none"> <li>vertical installation, min.</li> </ul>	-30 °C
<ul style="list-style-type: none"> <li>vertical installation, max.</li> </ul>	40 °C
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> <li>min.</li> </ul>	-40 °C
<ul style="list-style-type: none"> <li>max.</li> </ul>	70 °C
Altitude during operation relating to sea level	
<ul style="list-style-type: none"> <li>Installation altitude above sea level, max.</li> </ul>	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	9	EC000810
	ETIM	8	EC000810
	ETIM	7	EC000810
	IDEA	4	3560
	UNSPSC	15	32-15-17-04

**Approvals / Certificates**

General Product Approval	For use in hazardous locations
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[KC](#)



**For use in hazardous locations**

[FM](#)

[CCC-Ex](#)



[Type Examination Certificate](#)

[Miscellaneous](#)

**Maritime application**



[NK / Nippon Kaiji Kyokai](#)



**Maritime application**

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



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