SIEMENS

Data sheet

6ES7590-0BH00-0AA0

SIMATIC S7-1500 / ET 200MP active backplane bus 8 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+8 Slot	
HW functional status	From FS01	
Firmware version	V1.0.0	
 FW update possible 	Yes	
Product function		
• I&M data	Yes; I&M0 to I&M3	
 Isochronous mode 	Yes	
 Prioritized startup 	Yes	
Engineering with		
 STEP 7 TIA Portal configurable/integrated from version 	V16	
 STEP 7 configurable/integrated from version 	V5.6 and higher	
 PROFINET from GSD version/GSD revision 	V2.35 / -	
Power		
Power available from the backplane bus	2 W	
Power loss		
Power loss, typ.	2 W	
Hardware configuration		
Slots		
Grid size	35 mm; Utilization of 25 mm-wide modules possible	
Number of slots	9	
— of which for CPU, max.	0	
— of which for IM, max.	1	
— of which for PS, max.	2; Max. 2 PS per station	
— of which for IO/CM/CP/TM, max.	8	
— of which for F-IO, max.	8	
 Number of single-width slots, max. 	8	
Ambient conditions		
Ambient temperature during operation		
 horizontal installation, min. 	-30 °C	
 horizontal installation, max. 	0° 00	
vertical installation, min.	-30 °C	
vertical installation, min.vertical installation, max.	-30 °C 40 °C	
• vertical installation, min.	40 °C	
vertical installation, min.vertical installation, max.	40 °C -40 °C	
 vertical installation, min. vertical installation, max. Ambient temperature during storage/transportation 	40 °C	



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 Installation altitude above sea level, max. 	5 000 m; Restrictions for installation altitudes > 2 000 m, see manual
Dimensions	
Width	294 mm
Height	99 mm
Depth	14 mm
Weights	
Weight, approx.	245 g
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