

SIMATIC S7-1500 / ET 200MP; active backplane bus 12 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



General information	
Product type designation	Active backplane ST 1+12 slot
HW functional status	FS01
Firmware version	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
<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 	V2.34 / -
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 	13
<ul style="list-style-type: none"> <ul style="list-style-type: none"> of which for CPU, max. 	0
<ul style="list-style-type: none"> <ul style="list-style-type: none"> of which for IM, max. 	1
<ul style="list-style-type: none"> <ul style="list-style-type: none"> of which for PS, max. 	12; Max. 2 PS per station
<ul style="list-style-type: none"> <ul style="list-style-type: none"> of which for IO/CM/CP/TM, max. 	12
<ul style="list-style-type: none"> <ul style="list-style-type: none"> of which for F-IO, max. 	12
<ul style="list-style-type: none"> Number of single-width slots, max. 	12
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	
<ul style="list-style-type: none"> Installation altitude above sea level, max. 	5 000 m; Restrictions for installation altitudes > 2 000 m, see manual
Dimensions	
Width	434 mm

Height	99 mm
Depth	14 mm
Weights	
Weight, approx.	352 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](#)



[KC](#)



For use in hazardous locations



[FM](#)

[CCC-Ex](#)



[Type Examination Certificate](#)



For use in hazardous locations

Maritime application

[Miscellaneous](#)



[NK / Nippon Kaiji Kyokai](#)

Maritime application



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



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