

SIMATIC S7-400, extension rack ER1 with 18 slots, only for signal modules 2
redundant PS can be plugged in



General information			
Product type designation	ER1		
Hardware configuration			
Rack			
• Communication bus	No		
• P bus	Yes		
Slots			
• Number of slots	18		
Standards, approvals, certificates			
CE mark	Yes		
UL approval	Yes		
FM approval	Yes		
RCM (formerly C-TICK)	Yes		
KC approval	Yes		
EAC (formerly Gost-R)	Yes		
Ambient conditions			
Ambient temperature during operation			
• min.	0 °C		
• max.	60 °C		
Ambient temperature during storage/transportation			
• min.	0 °C		
• max.	70 °C		
Dimensions			
Width	482.5 mm		
Height	290 mm		
Depth	27.5 mm		
Weights			
Weight, approx.	4 200 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



[Miscellaneous](#)



[China RoHS](#)



[KC](#)

General Product Approval	EMV	For use in hazardous locations
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[Declaration of Conformity](#)

For use in hazardous locations	Maritime application
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[EM](#)



[Type Examination Certificate](#)



Maritime application



[NK / Nippon Kaiji Kyokai](#)



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

Environment



last modified: 6/7/2025