



Figure similar

SIMATIC S7-200 SMART, Analog output SB AE1, 1 AI, +/-10 V, +/-5 V, +/-2.5 V, or 0 to 20 mA, 11 bit + sign (voltage), 11 bit (current mode)

General information			
Product type designation	SB AI01, AI 1x12 bit		
Power loss			
Power loss, typ.	0.4 W		
Analog inputs			
Number of analog inputs	1		
Input ranges			
• Voltage	Yes		
• Current	Yes		
• Thermocouple	No		
• Resistance thermometer	No		
• Resistance	No		
Analog value generation for the inputs			
Integration and conversion time/resolution per channel			
• Resolution with overrange (bit including sign), max.	12 bit		
Dimensions			
Width	35 mm		
Height	52.2 mm		
Depth	16 mm		
Weights			
Weight, approx.	20 g		
Classifications			
		Version	Classification
	eClass	14	27-24-22-01
	eClass	12	27-24-22-01
	eClass	9.1	27-24-22-01
	eClass	9	27-24-22-01
	eClass	8	27-24-22-01
	eClass	7.1	27-24-22-01
	eClass	6	27-24-22-01
	ETIM	9	EC001420
	ETIM	8	EC001420
	ETIM	7	EC001420
	IDEA	4	3562
	UNSPSC	15	32-15-17-05
Approvals / Certificates			