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Data sheet 6ES7288-5AQ01-0AA0

	SIMATIC S7-200 SMART, Analog output SB AQ01, 1 AO, +/-10 V DC (12 bit resol.) or 0-20mA (11 bit resol.)
General information	
Product type designation	SB AQ01, AQ 1x12 bit
CiR - Configuration in RUN	
Reparameterization possible in RUN	No
Input current	
Current consumption, typ.	40 mA
from backplane bus 5 V DC, typ.	15 mA
Power loss	
Power loss, typ.	1.5 W
Analog outputs	
Number of analog outputs	1; Current or voltage
Output ranges, voltage	
● -10 V to +10 V	Yes
Output ranges, current	
● 0 to 20 mA	Yes
Analog value generation for the outputs	
Integration and conversion time/resolution per channel	
● Resolution with overrange (bit including sign), max.	12 bit; voltage mode: 11 bit + sign bit, current mode: 11 bit
Interrupts/diagnostics/status information	
Diagnostics function	Yes
Diagnoses	
● Wire break	Yes
● short-circuit	Yes
Diagnostics indication LED	
● for status of the outputs	Yes
Degree and class of protection	
IP degree of protection	IP20
Standards, approvals, certificates	
CE mark	Yes
Dimensions	
Width	35 mm
Height	52.2 mm
Depth	16 mm
Weights	
Weight, approx.	17.4 g
Classifications	

	Version	Classification
eClass	16	27-24-22-01
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	10	EC001420
ETIM	9	EC001420

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ETIM	8	EC001420
ETIM	7	EC001420
IDEA	4	3562
UNSPSC	15	32-15-17-05

Approvals / Certificates

General Product Approval









China RoHS

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