

Data sheet

SM 232, ECO (232-1BD30)

Technical data

Order no.	232-1BD30
Туре	SM 232, ECO
General information	
Note	•
Features	4x AO 12 Bit Voltage 010 V, +/- 10 V Parameterizable
Current consumption/power loss	
Current consumption from backplane bus	60 mA
Current consumption from load voltage L+ (without load)	-
Power loss	2.7 W
Technical data analog outputs	
Number of outputs	4
Cable length, shielded	200 m
Rated load voltage	DC 24 V
Reverse polarity protection of rated load voltage	yes
Current consumption from rated load voltage	100 mA
Voltage output short-circuit protection	yes
Voltage outputs	yes
Min. load resistance (voltage range)	5 kOhm
Max. capacitive load (current range)	1 µF
Max. inductive load (current range)	7 mA
Output voltage ranges	-10 V +10 V 0 V +10 V
Operational limit of voltage ranges	+/-0.4%
Basic error limit voltage ranges	+/-0.2%
Destruction limit against external applied voltage	max. 15V
Current outputs	-
Max. in load resistance (current range)	-
Max. inductive load (current range)	-
Typ. open circuit voltage current output	-
Output current ranges	-
Operational limit of current ranges	-
Basic error limit current ranges	-
Destruction limit against external applied voltage	-
Settling time for ohmic load	1.5 ms
Settling time for capacitive load	3 ms
Settling time for inductive load	-
Resolution in bit	12
Conversion time	0.7 ms / all channels
Substitute value can be applied	no
Output data size	8 Byte



Status information, alarms, diagnostics

none
no
no
no
no
none
green LED
none
none
-
-
yes
yes
-
-
DC 75 V/ AC 50 V
-
-
-
DC 500 V
0
8
8
0
PPE / PA 6.6
Profile rail 35 mm
25.4 mm x 76 mm x 88 mm
80 g
-
0 °C to 60 °C
-25 °C to 70 °C
yes