



IN-/OUTPUT LE4

Part no.
Article no.

LE4-206-AA1
081939



Powering Business Worldwide™


Delivery programme

Description			4 analog inputs, -10 to +10 V 2 analog outputs -10 to +10 V, 10/12-bit resolution
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General

Standards			IEC/EN 61131-2 EN 50178
Ambient temperature		°C	- 0 - 55
Ambient temperature, storage		°C	- 25 - 70
Vibration resistance		g	Constant 1 g/f = 10 to 150 Hz
Mechanical shock resistance, shock duration 11 ms		g	> 15
Terminals			Plug-in screw terminals
Terminal capacities		mm ²	
Solid		mm ²	0.22 - 2.5
Flexible with ferrule		mm ²	0.22 - 1.5
Rated insulation voltage	U _i	V AC	600
Protection type			IP20
Weight		kg	0.265
Protection class			1
Configuration			Max. 2 LE in conjunction with PS 4-2xx-MM1, PS 4-341-MM1 or EM 4-204-DX1

Analog inputs

Number			4
Input ranges			± 10 V
Potential isolation			Yes, between inputs and bus, not between inputs and outputs
Connection type of signal encoder			Two-wire connection to transducer
Resolution		Bit	Possible setting; 12-bit (4096 units)/10-bit (1024 units)
Permissible potential difference			
Between inputs and central earth point			See Rated insulation voltage
Permissible input voltage		V	max. ± 15
Error indication on overrange			Yes
Error indication on open-circuit detection			No
Total error		%	Typically 0.8 % of full scale
Cable length screened		m	< 50 for cable cross-section  0.14 mm ²
Input resistance		kΩ	40 per input

Analog outputs

Number			2
Output range			± 10 V
Potential isolation			Yes, between outputs and bus, not between inputs and outputs
Load impedance per output		Ω	2000
Connection type			Two-wire connection
Resolution		Bit	Possible setting; 12-bit (4096 units)/10-bit (1024 units)
Short-circuit rating			Yes
Short-circuit current		mA	32
Permissible potential difference between earthing point and between outputs			See Rated insulation voltage
Total error		%	Typically 0.8 % of full scale
Cable length screened		m	< 50 for cable cross-section  0.14 mm ²