

Catalogue No: **CLP4MA2AM24**

LEVEL CONTROLLER 24VAC/DC 4 POINTS SPST RELAY OUTPUT DIN

Field Switching and Sensing > Flow, Pressure, Level and Measuring Devices > Level Sensors > Carlo Gavazzi Level Sensors > Conductive Level Control > Level Control Relays



Representative Photo Only
(actual product may vary based on configuration selections)

CL Series Conductive Level Controller, plastic housing, 24 V AC/DC supply, 4 inputs, 250-500K ohm sensitivity, 2 x C/O relay output with LED indication, adjustable sensitivity, IP20 rating, 11pin circular plug

- 2 or 4 point level control
- Teach-in functionality
- Up to 2 independent relay outputs
- Plug-in type 11 pin

SPECIFICATIONS

Product Series	CL
Component Type Field Switching & Sensing	Level Control Relay
Mounting	Plug-in
Number of Inputs	4
Number of Outputs	2 qty
Output Type	2 x SPST Relay
Configuration Method	Multi-Turn Knob / Potentiometer
Power Consumption	5VA / 5W
Ie, Rated Operational Current, AC-1, 250V	8 A@250V
Ie, Rated Operational Current, AC-15, 250V	0.4 A@250V
Ie, Rated Operational Current, DC-1, 250V, 1 Pole	1 A@250V 1Pole
Ie, Rated Operational Current, DC-13, 30V	0.4 A@30V
Power Supply, Probe	5V AC, Single Phase
Probe Current	2 mA
Sensitivity, Min	250 Ω
Sensitivity, Max	500 kΩ
Indicator Type	LED
Overvoltage Category	III
Uimp, Impulse Withstand Voltage	4 kV
Ui, Rated Insulation Voltage	250 V (rms)
Dielectric Strength	>2.0kV AC (rms), contacts / electronics V AC
Switching/Operating Frequency	0.5 Hz
Response Time (Off → On)	1000 ms
Response Time (On → Off)	1000 ms
Number of Specialty Channels	4 qty
Weight	0.125 kg
Un, Nominal Operational Voltage, AC	24 V AC
Ue, Rated Operational Voltage, AC, min	19.2 V AC



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Ue, Rated Operational Voltage, AC, max	28.8 V AC
Un, Nominal Operational Voltage, DC	24 V DC
Ue, Rated Operational Voltage, DC, min	28.8 V DC
IP Rating	IP20
Mechanical Service Life	30000000 cycles
Electrical Service Life at Un, In	250000 cycles
Height	81 mm
Width	35.5 mm
Depth	60.2 mm
Material, Body / Housing	Noryl PPO material
Colour, Body / Housing	Light Grey colour
Operating Temperature, Max	50 °C max
Operating Temperature, Min	-20 °C min
Storage Temperature, Max	85 °C max
Storage Temperature, Min	-50 °C min
Pollution Degree	2
Standards Compliance	IEC 60947-1 IEC 60664 IEC 60529 UL 508 UL 325 CSA C22.2 No.247
Certifications	CE C-UR-US CSA

REFERENCES

IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	CLP4MA2AM24_Installation Instructions
User Manual:	-
Manufacturer Datasheet:	CLP4MA2AM24_Manufacturer Datasheet
Manufacturer Catalogue & Product Selection:	-