

SUPPLY, 4 insulated outputs for 2-wire transmitters

DISAI
Automatic Systems
T.962 448 450 www.disai.net

AL4

Type

- ▶ The AL 4 is an instrument that can supply up to four 2-wire transmitters.
- ▶ In order to avoid any disturbances, it entails a galvanic partition outputs / outputs and supply / outputs.

Mechanical features

- ▶ Voltage presence Led
- ▶ Reduced casing
Latching on symmetrical DIN rail.



Functions

- ▶ Galvanic partition outputs / outputs and supply / outputs.
- ▶ Nominal output values
24 VDC / 22 mA.
- ▶ Protected from short-circuits.

Environment

- ▶ Operating temperature :
-10°C to +60°C.
- ▶ Storage temperature :
-20°C to +70°C.
- ▶ Marking

External features

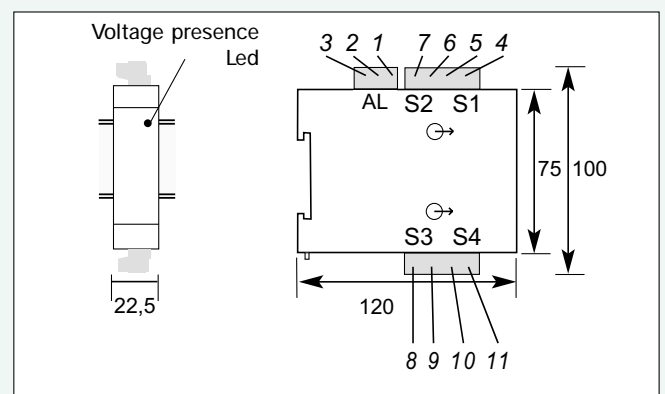
Protection : Case / terminals : IP 20

Case : Self-extinguishing in black ABS UL94VO
Latching on symmetrical DIN rail.

Plug-off connectors for screwed wires
(2,5mm², flexible or rigid)

Weight : 128g

Dimensions



Case : (H x L x P) 75 x 22,5 x 120 mm
(H=108, with terminals)

Technical features at 23°C

Connections

outputs

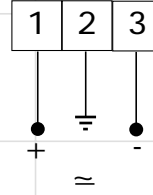
power supply

mech. feat.

Nominal value	voltage : 4 x 24 V DC ±10% current : 4 x 22 mA (limited at 30 mA ± 10 %)	
▶ Insulating voltage outputs / outputs	500 V - 50 Hz - 1min.	
Insulating voltage supply / outputs	2 KV - 50 Hz - 1min.	
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2 Versions :	High Voltage or Low Voltage (specify on order)	
▶ High Voltage :	90...270 VAC & 88 ...350 VDC	50/60/400 Hz
Low Voltage :	20...40 VAC & 20...64 VDC	50/60/400 Hz
Power draw :	4 W	
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Terminals	Plug-off screw connectors for 2,5 mm ² wires flexible or rigid	
▶ Fitting	On horizontal symmetrical DIN rail	
Tightness	Case / terminals IP 20	
Weight	128g (180g with packaging).	

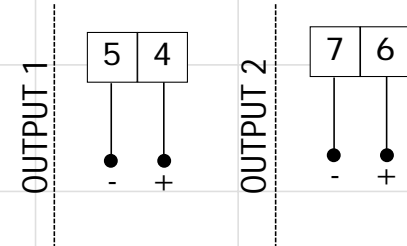
Power supply

Upper connector

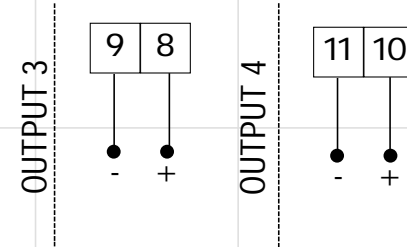


Outputs

Lower connectors



Lower connectors



Coding

Models of AL4

Supply :	
High Voltage	2
Low Voltage	3

Order example :
For an AL4 with a 230 V / 50 Hz supply, request
reference : AL4 2

This instrument is designed for industrial applications. It has to be mounted in an electrical switchbox or equivalent.

