

# S-DIAS Power Supply KL 091



with 9, +24 V terminals  
9, 0 V terminals

The S-DIAS KL 091 power supply module has a connection for a +24 V supply with GND and distributes power over nine +24 V, power outputs split over four connector supply groups.

## +24 V Power Supplies

Number of +24 V supplies	9 (distributed over 4 supply groups)
Short-circuit proof	yes
Maximum allowable continuous load current/supply connection	2 A
Maximum allowable continuous load current/supply group	2 A
Maximum total current /module	6 A
Safety functions	short circuit current limit per supply group typically 12 A over temperature cut-off cut-off with supply under voltage

## Electrical Requirements

Supply voltage +24 V	18-30 V DC
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## Voltage Monitor

Supply voltage +24 V	supply voltage > 18 V (DC OK-LED lights green)
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## Article Number and Miscellaneous

Article number	20-024-091
Dimensions	12.5 x 104.2 x 72 mm (W x H x D)
Standard	UL 508 (E247993)
Approvals	UL, cUL, CE

## Environmental Conditions

Storage temperature	-20 ... +85 °C	
Environmental temperature	0 ... +60 °C	
Humidity	0-95 %, non-condensing	
Operating conditions	pollution degree 2 altitude up to 2000 m	
EMC resistance	in accordance with EN 61000-6-2 (industrial area)	
EMC noise generation	in accordance with EN 61000-6-4 (industrial area)	
Vibration resistance	EN 60068-2-6	3.5 mm from 5-8.4 Hz 1 g from 8.4-150 Hz
Shock resistance	EN 60068-2-27	15 g
Protection type	EN 60529	IP20