

S-DIAS Power Supply KL 090



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

The S-DIAS KL 090 power supply module has a connection for a +24 V supply with GND and distributes power over nine outgoing +24 V supplies with GND, separated into four supply groups.

+24 V Power Supplies

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|---|---|
| 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

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

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

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|----------------|----------------------------------|
| Article number | 20-024-090 |
| Dimensions | 12.5 x 104.2 x 72 mm (W x H x D) |
| Standard | UL 508 (E247993) |
| Approvals | UL, cUL, CE |

Environmental Conditions

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|---------------------------|---|---|
| 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 |