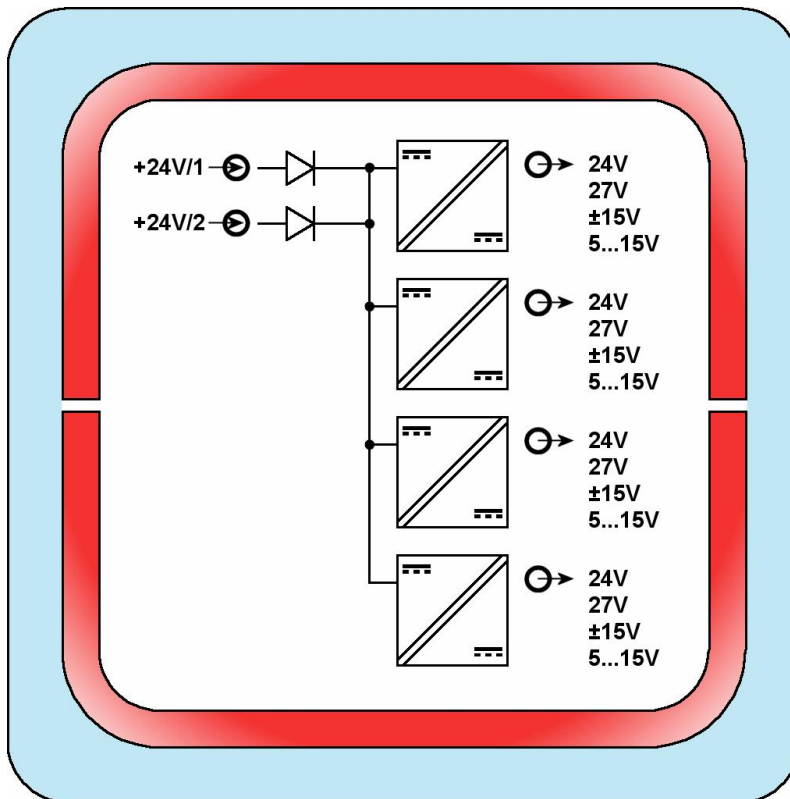


MMS 6730

Quadruple Channel Power Supply Unit



- 4 channels on a 19" card
- Galvanic separation between input and output voltages
- Galvanic separation between the output voltages
- Three fixed and one adjustable voltage level per channel
- Redundant power supply
- Compatible to the SCS 060 power supply card

Application:

The **MMS 6730** quadruple Power Supply Unit is a unit of the **MMS 6000** machine monitoring system. The module serves the galvanic separation and conversion of supply voltages.

The **MMS 6730** provides two +24V supply inputs, decoupled via diodes, for the redundant supply of the card. Each of the four outputs may be set to alternatively 24 V, 27 V, ± 15 V or to a freely selectable voltage in the range 5...15 V. The output voltages are galvanically separated to each other and to the input voltage.

Due to the galvanic separation, the output voltages may be used with either polarity only by inverting the reference potential.

The pin allocation of the **MMS 6730** is compatible to that of the predecessor card **SCS 060**.

Technical Data:

Outputs

Voltage output:
 24 V
 200 mA
 27 V
 200 mA
 ±15 V
 ±200 mA
 5...15 V
 200 mA
 Maximum output power per channel 6 W

Power supply

nominal:
 +24 V DC redundant
 Permissible voltage range:
 +18...+31,2 V according to IEC 654-2, class 4
 or
 ±15 V ± 5%
 Power consumption:
 max. 30 W

Environmental conditions

Application class:
 KTF according to DIN 40 040
 Environmental temperature:
 Reference temperature: + 23 °C
 Nominal operating range:
 -10...+65 °C
 Temperature for storage and transport: -40...+85 °C
 Rel. humidity:
 5...95 % non-condensing
 Vibration:
 according to IEC – 68 – 68 - 2 part 6
 Amplitude:
 0,15 mm at 10...55 Hz
 Acceleration:
 19,6 mm/s² at 55...150 Hz

Shock:

according to IEC - 68 - 2 part 29
 Peak value acceleration:
 98 m/s²
 Nominal shock duration:
 16 ms

System of protection:

IP 00, open construction according to DIN 40 050

EMC:

according to EN 50 081-1 / EN 50 082-2

Mechanical design

printed circuit board:
 Euro-format (100x160 mm) according to DIN 41 494
 Width:
 4 TE (approx. 20 mm)
 Connector:
 DIN 41 612, type F 48 M
 Weight:
 approx. 200 g (without packing)
 approx. 330 g (with packing)

Dimensions:

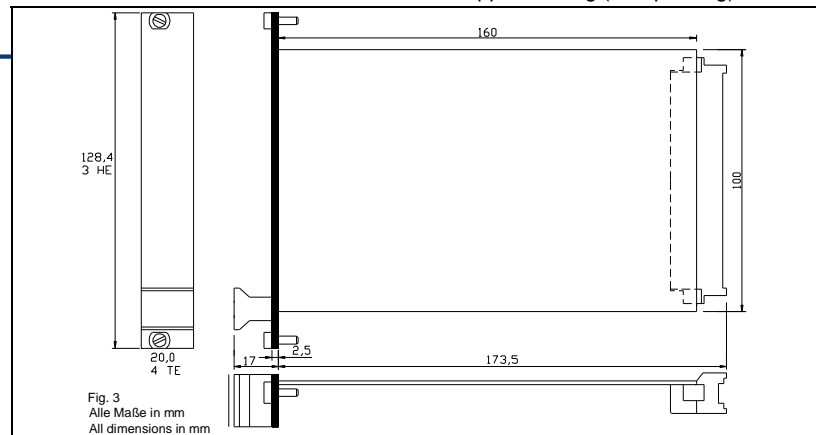


Fig. 3
 Alle Maße in mm
 All dimensions in mm

PIN allocation:

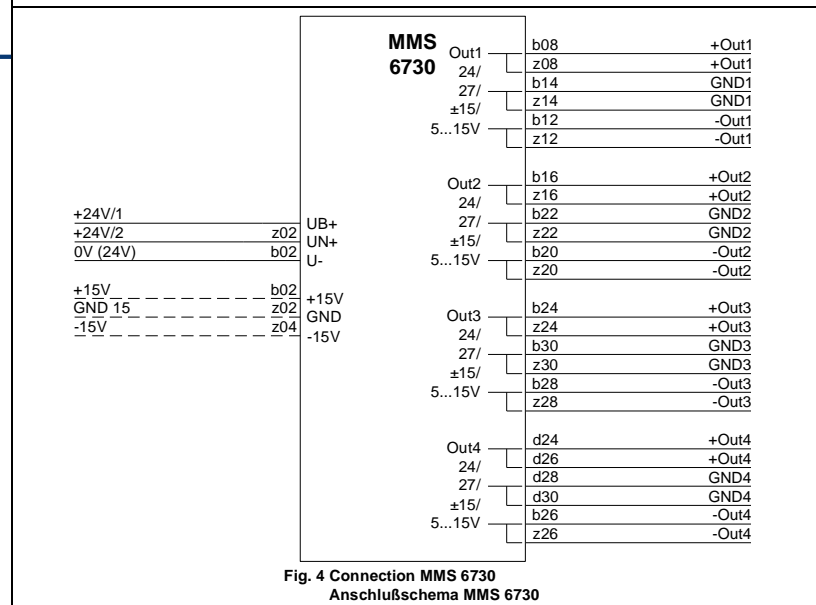


Fig. 4 Connection MMS 6730
 Anschluschema MMS 6730

Order Codes:

MMS 6730 Quadruple channel voltage supply unit 9100 – 00074

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