

DEK-TR/INV

Order No.: 2964319



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Inverter module. The inverter module inverts the signals of ground switching n-p-n transistor outputs into plus switching p-n-p outputs, and vice versa.



Commercial data

GTIN (EAN)	
sales group	G042
Pack	10 pcs.
Customs tariff	85364190
Catalog page information	Page 143 (IF-2009)

Product notes

WEEE/RoHS-compliant since:
05/16/2006



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Technical data

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Supply voltage range	20 V DC ... 30 V DC (U_V)
Continuous current	200 mA
Residual voltage drop	< 1 V

Leakage current	< 1 mA
Max. transmission frequency	15 kHz

NPN input/PNP output

Switch-on threshold	< 5 V (at $U_V = 24 \text{ V}$; < ($U_V - 19 \text{ V}$))
Switch-off threshold	> 15 V (at $U_V = 24 \text{ V}$; > ($U_V - 9 \text{ V}$))
Min. limit values	-2 V
Max. limit values	26 V (at $U_V = 24 \text{ V}$; $U_V + 2 \text{ V}$)

PNP input/NPN output

Switch-on threshold	> 19 V
Switch-off threshold	< 9 V
Min. limit values	-2 V
Max. limit values	26 V (at $U_V = 24 \text{ V}$; $U_V + 2 \text{ V}$)

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Type of connection	Screw connection
Stripping length	8 mm
Screw thread	M3

General data

Width	6.2 mm
Height	80 mm
Depth	56 mm
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Mounting position	Any
Assembly instructions	In rows with zero spacing
Standards/regulations	IEC 60664
	Basic insulation
Pollution degree	2

Surge voltage category	II
Color	green
Housing material	Polyamide PA non-reinforced

Certificates / Approvals



Certification

CUL, GOST, UL

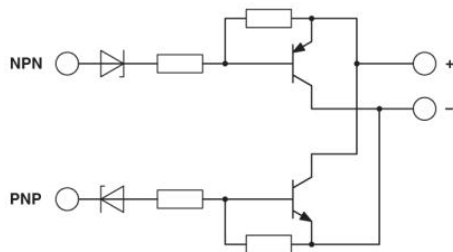
Diagrams/Drawings

Application drawing



a = NPN output
b = load

Circuit diagram



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