INDUSTRIAL COMPONENT DATA

DEK-TR/INV 2964319 PHOENIX CONTACT Switching amplifier

Brand: PHOENIX CONTACT | Manufacturer Part Number: DEK-TR/INV



Manufacturer	PHOENIX CONTACT
MPN / Reference	DEK-TR/INV
Catalog number	2964319
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-8223441959
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Product Overview

Switching amplifier
Inverter module. The inverter module reverses the signals from the ground-connected NPN transistor outputs into positive-connected PNP outputs, as well as the PNP connection signals into NPN connection signals.

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Industrial Relays

Additional Product Information

Key Commercial Data
Orderkey 2964319
Packing unit 10 pc
Catalog page Page 453 (C-5-2017)
GTIN 4017918176068
Weight per Piece (excluding packing) 19.900 g
Custom tariff number 85364190
Country of origin CN (China)
Dimensions
Width 6.2 mm
Height 80 mm
Depth 56 mm
General
Supply voltage range 20 V DC ... 30 V DC (UV)

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 UV= 24 V; < (UV- 19 V))
Switch-off threshold > 15 V (at UV= 24 V; > (UV- 9 V))
Min. limit values -2 V
Max. limit values 26 V (at UV= 24 V; UV+ 2 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 UV= 24 V; UV+ 2 V)
Connection data
Conductor cross section solid min. 0.2 mm²
Conductor cross section solid max. 4 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 2.5 mm²
Conductor cross section AWG min. 24
Conductor cross section AWG max. 12
Connection method Screw connection
Stripping length 8 mm
Screw thread M3
Ambient conditions
Ambient temperature (operation) -20 °C ... 50 °C
Ambient temperature (storage/transport) -20 °C ... 70 °C
General
Type of note Note on application
Note Use of EB 80-DIK... bridges in the DEK terminal blocks: Absorption of humidity from the ambient air as well as an unfavorable tolerance between a larger number of DEK terminal blocks and the EB 80-DIK... bridge may cause...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DEK-TR/INV with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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