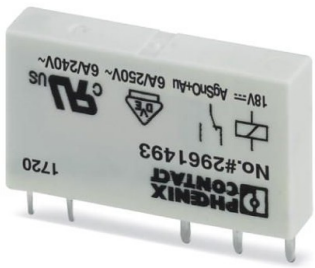
INDUSTRIAL COMPONENT DATA

REL-MR- 18DC/21AU 2961493 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-MR-18DC/21AU



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-18DC/21AU
Catalog number	2961493
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-B8ED89448E
Generated	2026-11-18

Product Overview

Single relay
Plug-in miniature power relay, with multi-layer gold contact, 1 switched contact, input voltage 18 V DC

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 2961493
Packing unit 10 pc
Minimum order quantity 10 pc
Catalog page Page 392 (C-5-2017)
GTIN 4017918936525
Weight per Piece (excluding packing) 6.510 g
Custom tariff number 85364190
Country of origin RO (Romania)
Dimensions
Width 5 mm
Height 28 mm
Depth 15 mm
Ambient conditions

Ambient temperature (operation) -40 °C ... 85 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Coil side
Nominal input voltage UN 18 V DC
Typical input current at UN 9 mA
Typical response time 5 ms
Typical release time 2.5 ms
Coil resistance 1906 ? ±10 % (at 20 °C)
Power dissipation for nominal condition 0.16 W
Contact side
Contact type 1 PDT
Type of switch contact Single contact
Contact material AgSnO, hard gold-plated
Maximum switching voltage 30 V AC
36 V DC
Minimum switching voltage 100 mV (at 10 mA)
Min. switching current 1 mA (at 24 V)
Maximum inrush current 50 mA
Limiting continuous current 50 mA
Interrupting rating (ohmic load) max. 1.2 W (at 24 V DC)
Switching capacity 3 A (at 24 V, AC15)
Contact side (with destroyed gold layer)
Contact material AgSnO
Note the following values are applicable if a gold layer is destroyed
Maximum switching voltage 250 V AC/DC
Minimum switching voltage 5 V (at 100 mA)
Limiting continuous current 6 A
Min. switching current 10 mA (at 12 V)
Interrupting rating (ohmic load) max. 140 W (at 24 V DC)
20 W (at 48 V DC)
18 W (at 60 V DC)
23 W (at 110 V DC)
40 W (at 220 V DC)
1500 VA (for 250 V AC)
Switching capacity 2 A (at 24 V,....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-18DC/21AU with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.