

# EM-2RPT/21AU-R/L-P - Extension module



2909573

<https://www.phoenixcontact.com/us/products/2909573>

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Relay extension module for ELR-...-P hybrid motor starters, feedback of forward and reverse running when control signal is present, Push-in connection, DIN rail connector included

## Commercial data

Item number	2909573
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C472
Product key	DK7485
GTIN	4055626445489
Weight per piece (including packing)	152 g
Weight per piece (excluding packing)	175.5 g
Customs tariff number	85364190
Country of origin	DE

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## Technical data

### Product properties

Product type	Extension module
Product family	CONTACTRON

### Electrical properties

#### Insulation characteristics

Rated insulation voltage	250 V
Rated surge voltage	4 kV
Degree of pollution	2

### Output data

Contact switching type	1 changeover contact
Rated operating voltage $U_e$	24 V DC
	230 V AC
Switching capacity in accordance with IEC 60947-5-1	3 A (230 V, AC15)
	2 A (24 V (DC13))

### Connection data

#### Load circuit

Connection method	Push-in connection
Stripping length	10 mm
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section AWG	24 ... 14

#### INTERFACE system

Connection method	DIN rail bus connector
Number of connections	1
Number of positions	5

### Dimensions

Width	22.5 mm
Height	106.6 mm
Depth	113.7 mm

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C

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## Approvals

### UKCA

Certificate	UKCA-compliant
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### UL approval

Certificate	NLDX.E228652
	NRNT.E172140

### UL data

Category code	NLDX / NRNT
Ambient temperature (operation)	-25 °C ... 55 °C

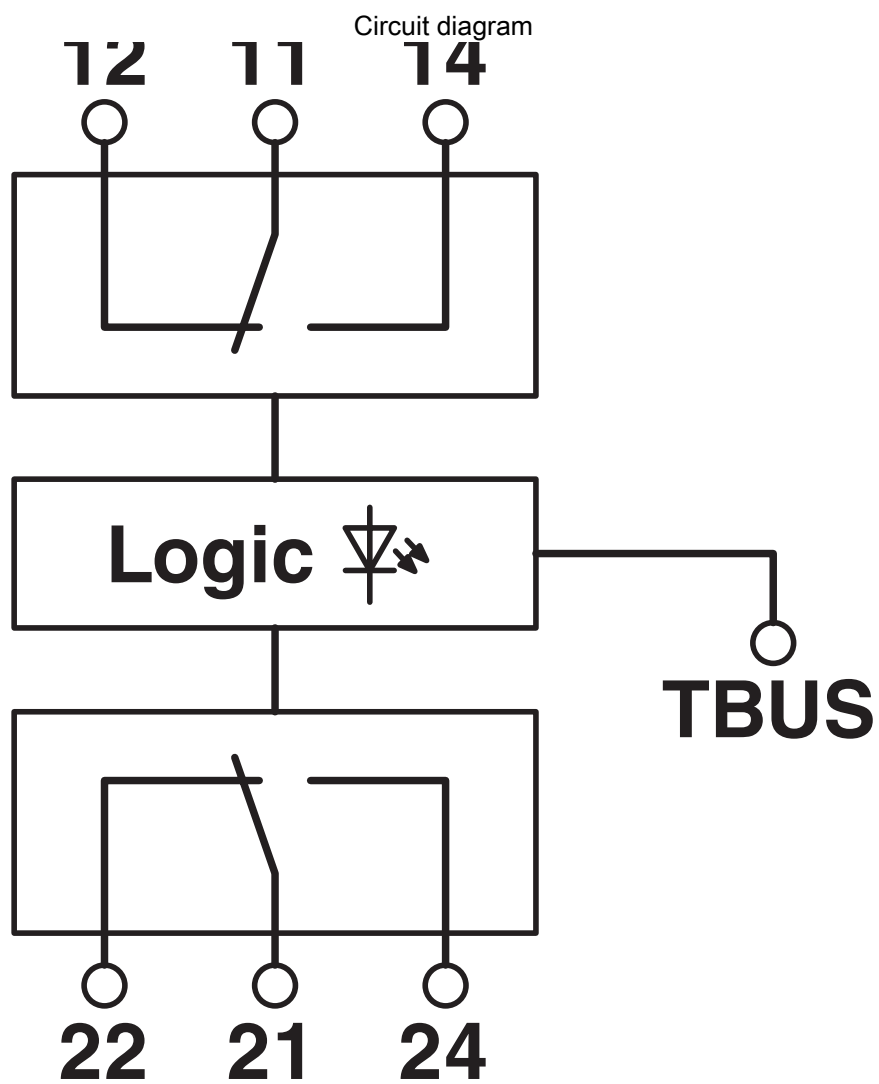
## Standards and regulations

Standards/regulations	IEC 60947-5-1
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## Mounting

Mounting type	DIN rail mounting
Assembly note	in rows with zero spacing
Mounting position	Vertical (horizontal DIN rail)

## Drawings



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2909573>



**EAC**

Approval ID: RU\*DE.\*08.B.01536/19



**UL Listed**

Approval ID: FILE E 172140



**cUL Listed**

Approval ID: FILE E 172140



**cUL Listed**

Approval ID: E228652



**UL Listed**

Approval ID: E228652



**VDE Zeichengenehmigung**

Approval ID: 40054426

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## Classifications

### ECLASS

ECLASS-13.0	27371601
ECLASS-15.0	27371601

### ETIM

ETIM 9.0	EC001437
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### UNSPSC

UNSPSC 21.0	39122300
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	f4ed0bca-5bb1-460f-8b37-7fcd8e7d68cd

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