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

2908701

https://www.phoenixcontact.com/us/products/2908701

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

## Commercial data

| | |
|---|---|
| Item number | 2908701 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | C472 |
| Product key | DK7485 |
| GTIN | 4055626323183 |
| Weight per piece (including packing) | 164.22 g |
| Weight per piece (excluding packing) | 182.6 g |
| Customs tariff number | 85364190 |
| Country of origin | DE |

# 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 | Screw connection |
| Stripping length | 8 mm |
| Screw thread | M3 |
| Conductor cross-section rigid | 0.2 mm² ... 2.5 mm² |
| Conductor cross-section flexible | 0.2 mm² ... 2.5 mm² |
| Conductor cross-section AWG | 24 ... 14 |
| Tightening torque | 0.5 Nm ... 0.6 Nm |
| | 5 $lb_f$-in. ... 7 $lb_f$-in. |

### 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 |

## Approvals

UKCA

| | |
|---|---|
| Certificate | UKCA-compliant |

UL approval

| | |
|---|---|
| Certificate | NLDX.E228652 |
| | NRNT.E172140 |

UL data

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

## Standards and regulations

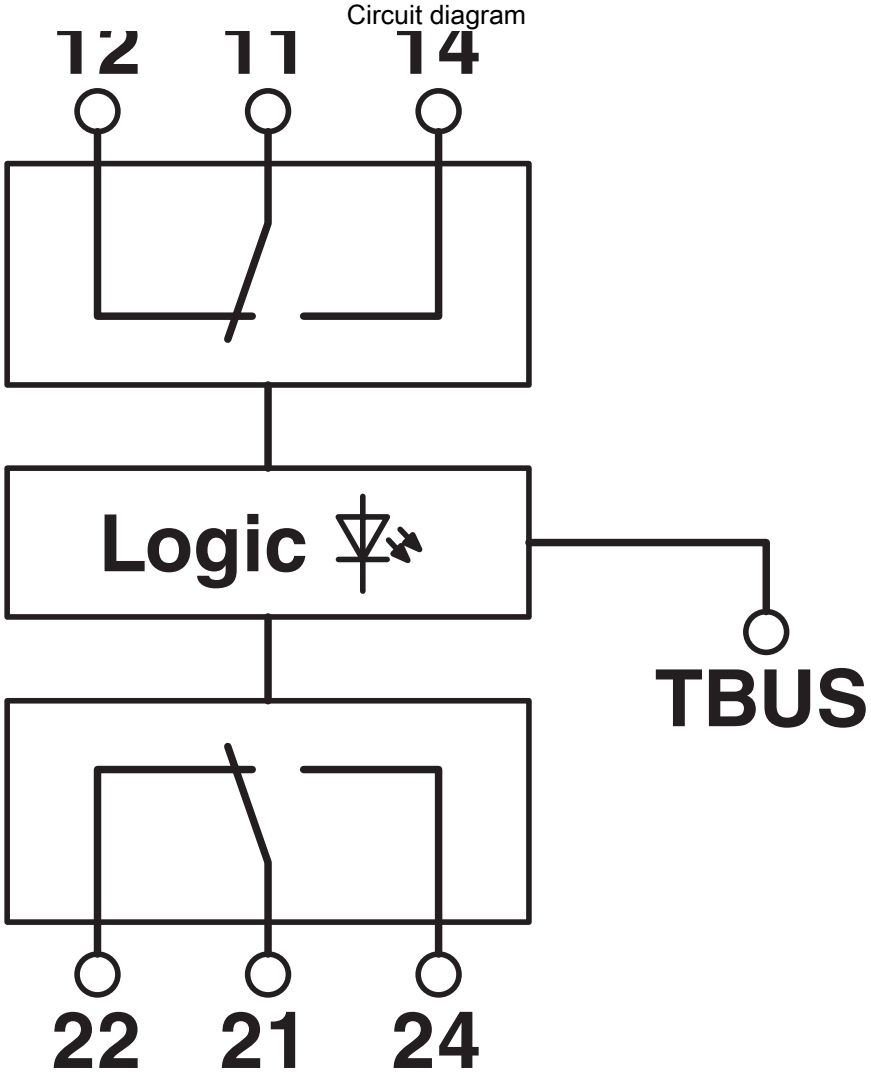
| | |
|---|---|
| Standards/regulations | IEC 60947-5-1 |

## Mounting

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

## Drawings

Circuit diagram



## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27371601 |

### ETIM

| | |
|---|---|
| ETIM 9.0 | EC001437 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 39122300 |

## 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 | 9d4334fb-310f-44a7-9c6c-7a884dcb7077 |


Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com



Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com