

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



2908701

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

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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            |

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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                | Screw connection                                  |
| Stripping length                 | 8 mm  |
| Screw thread                     | M3  |
| 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   |
| Tightening torque                | 0.5 Nm ... 0.6 Nm                                 |
|                                  | 5 lb <sub>f</sub> -in. ... 7 lb <sub>f</sub> -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 |
|----------------------|------|

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|   |                  |
|---|------------------|
| 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 |

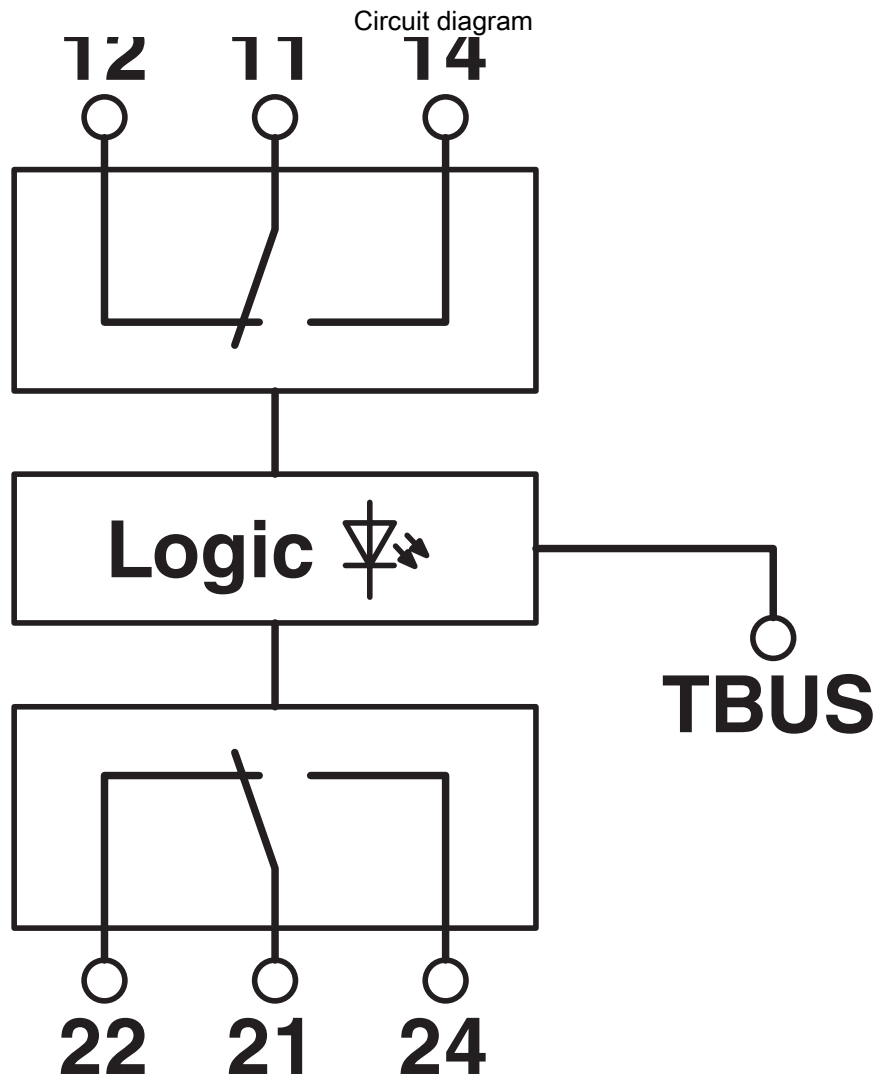
## Standards and regulations

|                       |               |
|-----------------------|---------------|
| 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



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## Classifications

### ECLASS

ECLASS-13.0

27371601

### ETIM

ETIM 9.0

EC001437

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

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