

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



2909573

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

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, 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	CK7485
Catalog page	Page 26 (C-5-2019)
GTIN	4055626445489
Weight per piece (including packing)	152 g
Weight per piece (excluding packing)	122.36 g
Customs tariff number	85364190
Country of origin	DE

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



2909573

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

Technical data

Product properties

Product type	Extension module
Product family	CONTACTRON

Data management status

Article revision	02
------------------	----

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 ² ... 2.5 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 14

INTERFACE system

Connection method	DIN rail bus connectors
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
----------------------	------

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



2909573

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

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

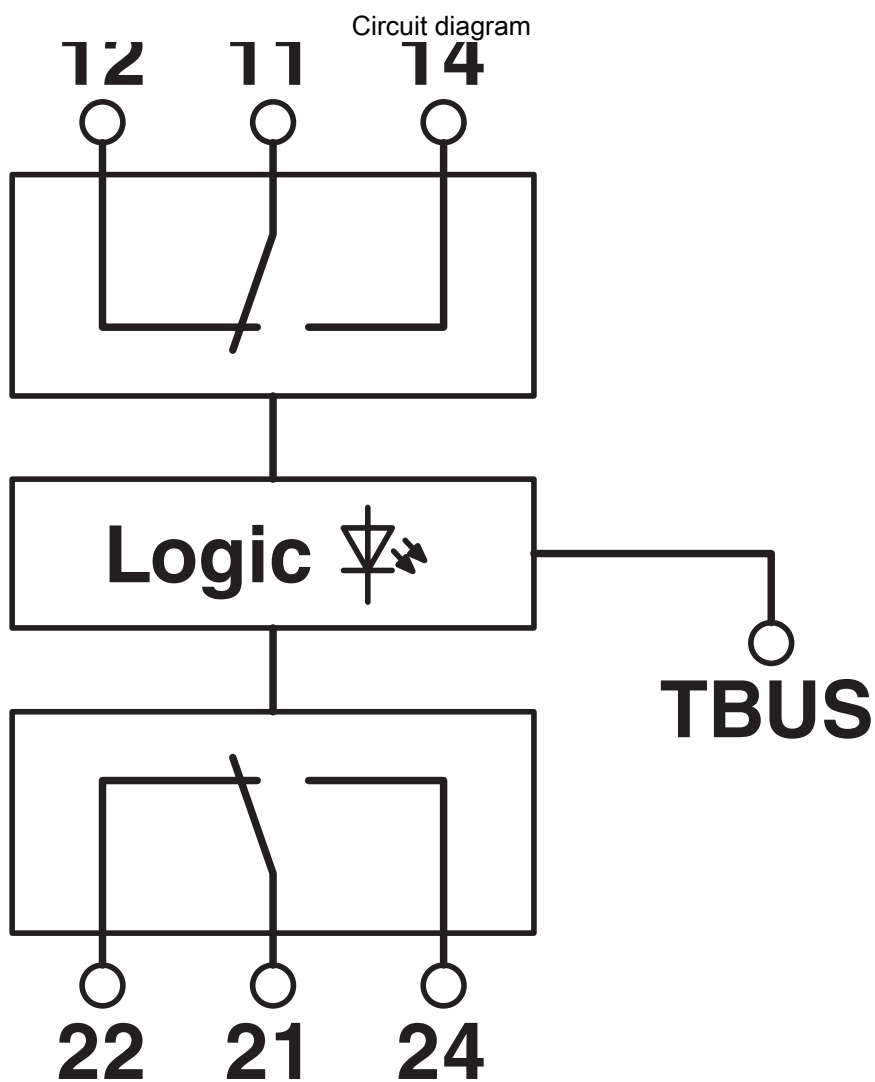
Standards and regulations

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



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



2909573

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

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: FILE E 228652
	UL Listed Approval ID: FILE E 228652

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



2909573

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

Classifications

ECLASS

ECLASS-11.0	27371601
ECLASS-12.0	27371601
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	f4ed0bca-5bb1-460f-8b37-7fcd8e7d68cd

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



2909573

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

Mandatory accessories

ELR-TBUS-22,5-P - DIN rail bus connectors

2203861

<https://www.phoenixcontact.com/us/products/2203861>

Special DIN rail connector only suitable for ELR H...-P and EM-...-P.



ELR H5-I-PT- 24DC/500AC-9-P02 - Hybrid motor starter

1160740

<https://www.phoenixcontact.com/us/products/1160740>



Modular hybrid motor starter for starting and reversing motors incl. motor protection and rotary field monitoring, input: 24 V DC, output: 3~, 500 V AC, 9 A, connection method: Push-in connection

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

2909573

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



ELR H5-I-SC- 24DC/500AC-9-P - Hybrid motor starter

2908693

<https://www.phoenixcontact.com/us/products/2908693>



Hybrid motor starter as an alternative to a conventional reversing contactor. Reverses 3~ AC motors up to 9 A and offers motor protection. Possible supply and relay extension via DIN rail connector.

ELR H3-I-SC- 24DC/500AC-9-P - Hybrid motor starter

2908694

<https://www.phoenixcontact.com/us/products/2908694>



Hybrid motor starter as an alternative to a conventional contactor circuit. Starts 3~ AC motors up to 9 A and offers motor protection. Possible supply and relay extension via DIN rail connector.

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

2909573

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



ELR H5-I-SC- 24DC/500AC-3-P - Hybrid motor starter

2908695

<https://www.phoenixcontact.com/us/products/2908695>



Hybrid motor starter as an alternative to a conventional reversing contactor. Reverses 3~ AC motors up to 3 A and offers motor protection. Possible supply and relay extension via DIN rail connector.

ELR H3-I-SC- 24DC/500AC-3-P - Hybrid motor starter

2908696

<https://www.phoenixcontact.com/us/products/2908696>



Hybrid motor starter as an alternative to a conventional contactor circuit. Starts 3~ AC motors up to 3 A and offers motor protection. Possible supply and relay extension via DIN rail connector.

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

2909573

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



ELR H5-IS-SC- 24DC/500AC-9-P - Hybrid motor starter

2908697

<https://www.phoenixcontact.com/us/products/2908697>



Hybrid motor starter as an alternative to a conventional reversing contactor. Reverses 3~ AC motors up to 9 A, provides motor protection and emergency stop up to SIL 3 / PL e. Group shut-down, supply, and relay extension possible via DIN rail connector.

ELR H3-IS-SC- 24DC/500AC-9-P - Hybrid motor starter

2908698

<https://www.phoenixcontact.com/us/products/2908698>



Hybrid motor starter as an alternative to a conventional protective circuit. Starts 3~ AC motors up to 9 A, provides motor protection and emergency stop up to SIL 3/PL e. Group shut-down, supply, and relay extension possible via DIN rail connector.

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

2909573

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



ELR H5-IS-SC- 24DC/500AC-3-P - Hybrid motor starter

2908699

<https://www.phoenixcontact.com/us/products/2908699>



Hybrid motor starter as an alternative to a conventional reversing contactor. Reverses 3~ AC motors up to 3 A, provides motor protection and emergency stop up to SIL 3/PL e. Group shut-down, supply, and relay extension possible via DIN rail connector.

ELR H3-IS-SC- 24DC/500AC-3-P - Hybrid motor starter

2908700

<https://www.phoenixcontact.com/us/products/2908700>



Hybrid motor starter as an alternative to a conventional protective circuit. Starts 3~ AC motors up to 3 A, provides motor protection and emergency stop up to SIL 3/PL e. Group shut-down, supply, and relay extension possible via DIN rail connector.

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

2909573

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



ELR H5-IES-PT- 24DC/500AC-9-P - Hybrid motor starter

2909554

<https://www.phoenixcontact.com/us/products/2909554>



Hybrid motor starter as an alternative to a conventional reversing contactor. Reverses 3~ AC motors up to 9 A, provides motor protection, ATEX, and emergency stop up to SIL 3. Group shut-down, supply, and relay extension possible via DIN rail connector.

ELR H3-IES-PT- 24DC/500AC-9-P - Hybrid motor starter

2909555

<https://www.phoenixcontact.com/us/products/2909555>



Hybrid motor starter as an alternative to a conventional protective circuit. Starts 3~ AC motors up to 9 A, provides motor protection, ATEX, and emergency stop up to SIL 3. Group shut-down, supply, and relay extension possible via DIN rail connector.

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

2909573

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



ELR H5-IES-PT- 24DC/500AC-3-P - Hybrid motor starter

2909556

<https://www.phoenixcontact.com/us/products/2909556>



Hybrid motor starter as an alternative to a conventional reversing contactor. Reverses 3~ AC motors up to 3 A, provides motor protection, ATEX, and emergency stop up to SIL 3. Group shut-down, supply, and relay extension possible via DIN rail connector.

ELR H3-IES-PT- 24DC/500AC-3-P - Hybrid motor starter

2909557

<https://www.phoenixcontact.com/us/products/2909557>



Hybrid motor starter as an alternative to a conventional protective circuit. Starts 3~ AC motors up to 3 A, provides motor protection, ATEX, and emergency stop up to SIL 3. Group shut-down, supply, and relay extension possible via DIN rail connector.

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

2909573

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



ELR H5-I-PT- 24DC/500AC-9-P - Hybrid motor starter

2909560

<https://www.phoenixcontact.com/us/products/2909560>



Hybrid motor starter as an alternative to a conventional reversing contactor. Reverses 3~ AC motors up to 9 A and offers motor protection. Possible supply and relay extension via DIN rail connector.

ELR H3-I-PT- 24DC/500AC-9-P - Hybrid motor starter

2909561

<https://www.phoenixcontact.com/us/products/2909561>



Hybrid motor starter as an alternative to a conventional contactor circuit. Starts 3~ AC motors up to 9 A and offers motor protection. Possible supply and relay extension via DIN rail connector.

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

2909573

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



ELR H5-I-PT- 24DC/500AC-3-P - Hybrid motor starter

2909562

<https://www.phoenixcontact.com/us/products/2909562>



Hybrid motor starter as an alternative to a conventional reversing contactor. Reverses 3~ AC motors up to 3 A and offers motor protection. Possible supply and relay extension via DIN rail connector.

ELR H3-I-PT- 24DC/500AC-3-P - Hybrid motor starter

2909563

<https://www.phoenixcontact.com/us/products/2909563>



Hybrid motor starter as an alternative to a conventional contactor circuit. Starts 3~ AC motors up to 3 A and offers motor protection. Possible supply and relay extension via DIN rail connector.

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

2909573

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



ELR H5-IS-PT- 24DC/500AC-9-P - Hybrid motor starter

2909567

<https://www.phoenixcontact.com/us/products/2909567>



Hybrid motor starter as an alternative to a conventional reversing contactor. Reverses 3~ AC motors up to 9 A, provides motor protection and emergency stop up to SIL 3/PL e. Group shut-down, supply, and relay extension possible via DIN rail connector.

ELR H3-IS-PT- 24DC/500AC-9-P - Hybrid motor starter

2909568

<https://www.phoenixcontact.com/us/products/2909568>



Hybrid motor starter as an alternative to a conventional protective circuit. Starts 3~ AC motors up to 9 A, provides motor protection and emergency stop up to SIL 3/PL e. Group shut-down, supply, and relay extension possible via DIN rail connector.

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

2909573

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



ELR H5-IS-PT- 24DC/500AC-3-P - Hybrid motor starter

2909569

<https://www.phoenixcontact.com/us/products/2909569>



Hybrid motor starter as an alternative to a conventional reversing contactor. Reverses 3~ AC motors up to 3 A, provides motor protection and emergency stop up to SIL 3/PL e. Group shut-down, supply, and relay extension possible via DIN rail connector.

ELR H3-IS-PT- 24DC/500AC-3-P - Hybrid motor starter

2909570

<https://www.phoenixcontact.com/us/products/2909570>



Hybrid motor starter as an alternative to a conventional protective circuit. Starts 3~ AC motors up to 3 A, provides motor protection and emergency stop up to SIL 3/PL e. Group shut-down, supply, and relay extension possible via DIN rail connector.

Phoenix Contact 2024 © - 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