

Relay base - PR1-BSC3/2X21 - 2833521

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Relay base PR1..., for miniature power relay or miniature switching relay with 1 or 2 PDT or solid-state relay of same construction, 1/3 level design, screw connections, connection facility for input/interference suppression modules

Your advantages

- Relay base family that can be fitted with 1 PDT or 2 PDT relays or solid-state relays
- Plug-in input/interference suppression modules
- Relay retaining bracket with labeling field and ejection function



Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	 4 017918 933777
GTIN	4017918933777

Technical data

Dimensions

Width	16 mm
Height	78.5 mm
Depth with retaining bracket	71 mm (EL1-P16)
	79 mm (EL1-P25)

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C

Connection data, input side

Connection name	Input side
Connection method	Screw connection
Stripping length	8 mm

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Technical data

Connection data, input side

Screw thread	M3
Conductor cross section solid	0.2 mm ² ... 2.5 mm ²
	0.2 mm ² ... 2.5 mm ² (2 conductors with the same cross-section)
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
	0.2 mm ² ... 2.5 mm ² (2 conductors with the same cross-section)
Conductor cross section AWG	26 ... 14
	26 ... 14 (2 conductors with the same cross-section)

Connection data, output side

Connection name	Output side
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm ² ... 2.5 mm ²
	0.2 mm ² ... 2.5 mm ² (2 conductors with the same cross-section)
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
	0.2 mm ² ... 2.5 mm ² (2 conductors with the same cross-section)
Conductor cross section AWG	26 ... 14
	26 ... 14 (2 conductors with the same cross-section)

General

Nominal voltage U _N	300 V AC/DC
Nominal current I _N	12 A
Color	green
Mounting position	any

Standards and Regulations

Connection in acc. with standard	CSA
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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Classifications

eCl@ss

eCl@ss 4.0	27371100
eCl@ss 4.1	27371100
eCl@ss 5.0	27371600
eCl@ss 5.1	27371600
eCl@ss 6.0	27371600
eCl@ss 7.0	27371603
eCl@ss 8.0	27371603

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Classifications

eCl@ss

eCl@ss 9.0	27371603
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ETIM

ETIM 2.0	EC001456
ETIM 3.0	EC001456
ETIM 4.0	EC001456
ETIM 5.0	EC001456
ETIM 6.0	EC001456
ETIM 7.0	EC001456

UNSPSC

UNSPSC 6.01	30211917
UNSPSC 7.0901	39121516
UNSPSC 11	39121516
UNSPSC 12.01	39121516
UNSPSC 13.2	39122326
UNSPSC 18.0	39122335
UNSPSC 19.0	39122335
UNSPSC 20.0	39122335
UNSPSC 21.0	39122335

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	255476
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UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 113228
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Approvals

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 113228
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EAC		RU C- DE.A*30.B.01082
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cULus Recognized	
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Accessories

Accessories

Device marking

Label - EML (15X6)R YE - 0819288



Label, Roll, yellow, unlabeled, can be labeled with: THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK ROLL X1, THERMOMARK ROLL 2.0, THERMOMARK ROLL, mounting type: adhesive, lettering field size: 15 x 6 mm, Number of individual labels: 2500

Loop bridge

Wire bridge - DB 50- 90 BU - 2821180

Flexible wire loop bridge, 50-pos., conductor cross-section: 0.5 mm², loop length: 90 mm, ferrule length: 8 mm, color: blue



Wire bridge - DB 50- 90 BK - 2820916

Flexible wire loop bridge, 50-pos., conductor cross-section: 0.5 mm², loop length: 90 mm, ferrule length: 8 mm, color: black



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Accessories

Wire bridge - DB 50- 90 GY - 2820929

Flexible wire loop bridge, 50-pos., conductor cross-section: 0.5 mm², loop length: 90 mm, ferrule length: 8 mm, color: gray



Marking material

Marker labels - MP 1 - 2833631



Equipment marker, labeling surface 6 x 15 mm

Plug-in module

Plug-in module - LDP- 12- 24DC - 2833657



Plug-in module, with freewheeling diode and yellow LED, polarity: A1+, A2-, input voltage: 12 ... 24 V DC ±20 %

Plug-in module - LDP- 48- 60DC - 2833660



Plug-in module, for mounting on PR1 and PR2, with damping diode and yellow LED, polarity: A1+, A2-, input voltage: 48 ... 60 V DC ±20 %

Plug-in module - LDP-110DC - 2833673



Plug-in module, for mounting on PR1 and PR2, with damping diode and yellow LED, polarity: A1+, A2-, input voltage: 110 V DC ±20 %

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Accessories

Plug-in module - LDM- 12- 24DC - 2833686



Plug-in module, for mounting on PR1 and PR2, with damping diode and yellow LED, polarity: A1-, A2+ (Japan standard), input voltage: 12 ... 24 V DC ± 20 %

Plug-in module - LDM- 48- 60DC - 2833699



Plug-in module, for mounting on PR1 and PR2, with damping diode and yellow LED, polarity: A1-, A2+ (Japan standard), input voltage: 48 ... 60 V DC ± 20 %

Plug-in module - LDM-110DC - 2833709



Plug-in module, for mounting on PR1 and PR2, with damping diode and yellow LED, polarity: A1-, A2+ (Japan standard), input voltage: 110 V DC ± 20 %

Plug-in module - LV- 12- 24UC - 2833712



Plug-in module, for mounting on PR1 and PR2, with varistor and yellow LED, input voltage: 12 ... 24 V AC/ DC ± 20 %

Plug-in module - LV- 48- 60UC - 2833725



Plug-in module, for mounting on PR1 and PR2, with varistor and yellow LED, input voltage: 48 ... 60 V AC/DC ± 20 %

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Accessories

Plug-in module - LV-120-230AC/110DC - 2833738



Plug-in module, with varistor and yellow LED, input voltage: 120 ... 230 V AC / 110 V DC ± 20 %

Plug-in module - V- 12- 24UC - 2833864



Plug-in module, for mounting on PR1 and PR2, with varistor, input voltage : 12 ... 24 V AC/DC ± 20 %

Plug-in module - V- 48- 60UC - 2833877



Plug-in module, for mounting on PR1 and PR2, with varistor, input voltage: 48 ... 60 V AC/DC ± 20 %

Plug-in module - V-120-230UC - 2833880



Plug-in module, with varistor, input voltage: 120 ... 230 V AC/DC ± 20 %

Plug-in module - RC- 12- 24UC - 2833741



Plug-in module, for mounting on PR1 and PR2, with RC element, input voltage: 12 ... 24 V AC/DC ± 20 %

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Accessories

Plug-in module - RC- 48- 60UC - 2833754



Plug-in module, for mounting on PR1 and PR2, with RC element, input voltage: 48 ... 60 V AC/DC ± 20 %

Plug-in module - RC-120-230UC - 2833767



Plug-in module, with RC element, input voltage: 120 ... 230 V AC/DC ± 20 %

Retaining bracket

Retaining bracket - EL1-P16 - 2833547



Relay retaining bracket, with eject function and integrated equipment marking area (7.5 x 15 mm), to suit relay base PR1, for 16 mm high miniature power relay and solid-state relay

Retaining bracket - EL1-P25 - 2833550



Relay retaining bracket, with eject function and integrated equipment marking area (7.5 x 15 mm), to suit relay base PR1, for 25 mm high miniature switching relay and solid-state relay

Necessary add-on products

Single relay - REL-MR- 12DC/21HC - 2961309



Plug-in miniature power relay, with power contact for high continuous currents, 1 PDT, input voltage 12 V DC

Relay base - PR1-BSC3/2X21 - 2833521

Accessories

Single relay - REL-MR- 24DC/21HC - 2961312



Plug-in miniature power relay, with power contact for high continuous currents, 1 PDT, input voltage 24 V DC

Single relay - REL-MR- 48DC/21HC - 2834821



Plug-in miniature power relay, with power contact for high continuous currents, 1 PDT, input voltage 48 V DC

Single relay - REL-MR- 60DC/21HC - 2961325



Plug-in miniature power relay, with power contact for high continuous currents, 1 PDT, 60 V DC

Single relay - REL-MR-110DC/21HC - 2961338



Plug-in miniature power relay, with power contact for high continuous currents, 1 PDT, input voltage 110 V DC

Single relay - REL-MR- 24AC/21HC - 2961406



Plug-in miniature power relay, with power contact for high continuous currents, 1 PDT, input voltage 24 V AC

Relay base - PR1-BSC3/2X21 - 2833521

Accessories

Single relay - REL-MR-120AC/21HC - 2961419



Plug-in miniature power relay, with power contact for high continuous currents, 1 PDT, input voltage 120 V AC

Single relay - REL-MR-230AC/21HC - 2961422



Plug-in miniature power relay, with power contact for high continuous currents, 1 PDT, input voltage 230 V AC

Single relay - REL-MR- 12DC/21HC AU - 2961532



Plug-in miniature power relay, with multi-layer gold contact for high continuous currents, 1 PDT, input voltage 12 V DC

Single relay - REL-MR- 24DC/21HC AU - 2961545



Plug-in miniature power relay, with multi-layer gold contact for high continuous currents, 1 PDT, input voltage 24 V DC

Single relay - REL-MR-110DC/21HC AU - 2961561



Plug-in miniature power relay, with multi-layer gold contact for high continuous currents, 1 PDT, input voltage 110 V DC

Relay base - PR1-BSC3/2X21 - 2833521

Accessories

Single relay - REL-MR- 24AC/21HC AU - 2961503



Plug-in miniature power relay, with multi-layer gold contact for high continuous currents, 1 PDT, input voltage 24 V AC

Single relay - REL-MR-120AC/21HC AU - 2961516



Plug-in miniature power relay, with multi-layer gold contact for high continuous currents, 1 PDT, input voltage 120 V AC

Single relay - REL-MR-230AC/21HC AU - 2961529



Plug-in miniature power relay, with multi-layer gold contact for high continuous currents, 1 PDT, input voltage 230 V AC

Single relay - REL-MR- 12DC/21-21 - 2961257



Plug-in miniature power relay, with power contact, 2 PDTs, input voltage 12 V DC

Single relay - REL-MR- 24DC/21-21 - 2961192



Plug-in miniature power relay, with power contact, 2 PDTs, input voltage 24 V DC

Relay base - PR1-BSC3/2X21 - 2833521

Accessories

Single relay - REL-MR- 48DC/21-21 - 2834834



Plug-in miniature power relay, with power contact, 2 PDTs, input voltage 48 V DC

Single relay - REL-MR- 60DC/21-21 - 2961273



Plug-in miniature power relay, with power contact, 2 PDTs, input voltage 60 V DC

Single relay - REL-MR-110DC/21-21 - 2961202



Plug-in miniature power relay, with power contact, 2 PDTs, input voltage 110 V DC

Single relay - REL-MR- 24AC/21-21 - 2961435



Plug-in miniature power relay, with power contact, 2 PDTs, input voltage 24 V AC

Single relay - REL-MR-120AC/21-21 - 2961448



Plug-in miniature power relay, with power contact, 2 PDTs, input voltage 120 V AC

Relay base - PR1-BSC3/2X21 - 2833521

Accessories

Single relay - REL-MR-230AC/21-21 - 2961451



Plug-in miniature power relay, with power contact, 2 PDTs, input voltage 230 V AC

Single relay - REL-MR- 12DC/21-21AU - 2961299



Plug-in miniature power relay, with multi-layer gold contact, 2 PDTs, input voltage 12 V DC

Single relay - REL-MR- 24DC/21-21AU - 2961215



Plug-in miniature power relay, with multi-layer gold contact, 2 PDTs, input voltage 24 V DC

Single relay - REL-MR- 48DC/21-21AU - 2834847



Plug-in miniature power relay, with multi-layer gold contact, 2 PDTs, input voltage 48 V DC

Single relay - REL-MR- 60DC/21-21AU - 2961286



Plug-in miniature power relay, with multi-layer gold contact, 2 PDTs, input voltage 60 V DC

Relay base - PR1-BSC3/2X21 - 2833521

Accessories

Single relay - REL-MR-110DC/21-21AU - 2961228



Plug-in miniature power relay, with multi-layer gold contact, 2 PDTs, input voltage 110 V DC

Single relay - REL-MR- 24AC/21-21AU - 2961464



Plug-in miniature power relay, with multi-layer gold contact, 2 PDTs, input voltage 24 V AC

Single relay - REL-MR-120AC/21-21AU - 2961477



Plug-in miniature power relay, with multi-layer gold contact, 2 PDTs, input voltage 120 V AC

Single relay - REL-MR-230AC/21-21AU - 2961480



Plug-in miniature power relay, with multi-layer gold contact, 2 PDTs, input voltage 230 V AC

Single relay - REL-MR- 24DC/1IC - 2961341



Pluggable miniature power relay, with power contact for high switch-on currents up to 130 A peaks, 1 N/O contact, input voltage: 24 V DC

Relay base - PR1-BSC3/2X21 - 2833521

Accessories

Single relay - REL-MR- 24DC/21HC/MS - 2987888



Plug-in miniature relay, with power contact, 1 PDT, test button, mechanical switch position indicator, status LED, freewheeling diode, polarity A1+, A2-, input voltage 24 V DC

Single relay - REL-MR- 24AC/21HC/MS - 2987891



Plug-in miniature relay, with power contact, 1 PDT, test button, mechanical switch position indicator, status LED, input voltage 24 V AC

Single relay - REL-MR-120AC/21HC/MS - 2987901



Plug-in miniature relay, with power contact, 1 PDT, test button, mechanical switch position indicator, status LED, input voltage 120 V AC

Single relay - REL-MR-230AC/21HC/MS - 2987914



Plug-in miniature relay, with power contact, 1 PDT, test button, mechanical switch position indicator, status LED, input voltage 230 V AC

Single relay - REL-MR- 24DC/21HC AU/MS - 2987927



Plug-in miniature relay, with multi-layer contact with hard gold coating, 1 PDT, test button, mechanical switch position indicator, status LED, freewheeling diode, polarity A1+, A2-, input voltage 24 V DC

Relay base - PR1-BSC3/2X21 - 2833521

Accessories

Single relay - REL-MR-230AC/21HC AU/MS - 2987930



Plug-in miniature relay, with multi-layer contact with hard gold coating, 1 PDT, test button, mechanical switch position indicator, status LED, input voltage 230 V AC

Single relay - REL-MR- 24DC/21-21/MS - 2987943



Plug-in miniature relay, with power contact, 2 PDTs, test button, mechanical switch position indicator, status LED, freewheeling diode, polarity A1+, A2, input voltage 24 V DC

Single relay - REL-MR- 24AC/21-21/MS - 2987956



Plug-in miniature relay, with power contact, 2 PDTs, test button, mechanical switch position indicator, status LED, input voltage 24 V AC

Single relay - REL-MR-120AC/21-21/MS - 2987969



Plug-in miniature relay, with power contact, 2 PDTs, test button, mechanical switch position indicator, status LED, coil voltage 120 V AC

Single relay - REL-MR-230AC/21-21/MS - 2987972



Plug-in miniature relay, with power contact, 2 PDTs, test button, mechanical switch position indicator, status LED, coil voltage 230 V AC

Relay base - PR1-BSC3/2X21 - 2833521

Accessories

Single relay - REL-MR- 24DC/21-21AU/MS - 2987985



Plug-in miniature relay, with multi-layer contact with hard gold coating, 2 PDTs, test button, mechanical switch position indicator, status LED, freewheeling diode, polarity A1+, A2-, input voltage 24 V DC

Single relay - REL-MR-230AC/21-21AU/MS - 2987998



Plug-in miniature relay, with multi-layer contact with hard gold coating, 2 PDTs, test button, mechanical switch position indicator, status LED, coil voltage 230 V AC

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

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