

Relay socket - PR1-BSC2/2X21 - 2833518

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

Why buy this product

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



Key Commercial Data

Packing unit	10 STK
Minimum order quantity	10 STK
GTIN	 4 017918 933760
GTIN	4017918933760
Weight per Piece (excluding packing)	40.700 g
Custom tariff number	85366990
Country of origin	China

Technical data

Dimensions

Width	16 mm
Height	75 mm
Depth with retaining bracket	63 mm (EL1-P16)
	71 mm (EL1-P25)

Ambient conditions

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

Connection data, input side

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Technical data

Connection data, input side

Connection name	Input 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)

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

Standards and Regulations

Connection in acc. with standard	CSA
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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 5.0	27371603
eCl@ss 5.1	27371603
eCl@ss 6.0	27371603
eCl@ss 7.0	27371603

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Classifications

eCl@ss

eCl@ss 8.0	27371603
eCl@ss 9.0	27371603

ETIM

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

UNSPSC

UNSPSC 6.01	30211917
UNSPSC 7.0901	39121516
UNSPSC 11	39121516
UNSPSC 12.01	39121516
UNSPSC 13.2	39122326

Approvals

Approvals

Approvals

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

Ex Approvals

Approval details

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

EAC		EAC-Zulassung
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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Accessories

Accessories

Bridge

Wire bridge - DB 50- 90 BU - 2821180

Wire bridge, Color: blue



Wire bridge - DB 50- 90 BK - 2820916

Wire bridge, Color: black



Wire bridge - DB 50- 90 GY - 2820929

Wire bridge, Color: gray



Device marking

Label - EML (15X6)R YE - 0819288



Label, Roll, yellow, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X1.2, THERMOMARK S1.1, Mounting type: Adhesive, Lettering field: 15 x 6 mm

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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, for mounting on PR1 and PR2, with damping diode and yellow LED, polarity: A1+, A2-, input voltage: 12 -24 V DC $\pm$ 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 $\pm$ 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 $\pm$ 20%

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 $\pm$ 20%

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Accessories

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 $\pm$ 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 $\pm$ 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 $\pm$ 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 $\pm$ 20%

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



Plug-in module, for mounting on PR1 and PR2, with varistor and yellow LED, input voltage: 120 - 230 V AC/110 V DC $\pm$ 20%

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Accessories

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 $\pm$ 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 $\pm$ 20%

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



Plug-in module, for mounting on PR1 and PR2, with varistor, input voltage: 120-230 V AC/DC $\pm$ 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 $\pm$ 20%

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 $\pm$ 20%

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Accessories

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



Plug-in module, for mounting on PR1 and PR2, with RC element, input voltage: 120 - 230 V AC/DC $\pm$ 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 socket 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 socket 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

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

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Accessories

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

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

Relay socket - PR1-BSC2/2X21 - 2833518

Accessories

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

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

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Accessories

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

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



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

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Accessories

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

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



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

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Accessories

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

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

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Accessories

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



Plug-in miniature power relay, with power contact for high switch-on currents, 1 N/O contact, input voltage 24 V DC
