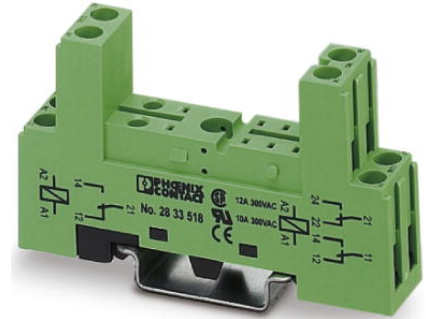


# PR1-BSC2/2X21


Order No.: 2833518



<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=2833518>

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

## Commercial data

EAN	 4 017918 933760
Pack	10 pcs.
Customs tariff	85366990
Gross weight in pieces	0.041475 KG
Net weight per piece (exclusive packing)	0.0407 KG
Catalog page information	Page 58 (IF-2011)

## Product notes

WEEE/RoHS-compliant since:  
01/01/2005



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

## Technical data

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>

Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
2 conductors with same cross section, solid max.	2.50 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	2.50 mm <sup>2</sup>
2 conductors with same cross section, AWG max.	14
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3

#### General data

Nominal voltage U <sub>N</sub>	300 V AC/DC
Nominal current I <sub>N</sub>	12 A
Width	16 mm
Height	75 mm
Color	green
Ambient temperature (operation)	-25 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C

#### Certificates / Approvals



Certification cULus Recognized

Certifications applied for:

Certification Ex:

#### Accessories

Item	Designation	Description
<b>Bridges</b>		
2820916	DB 50- 90 BK	Wire bridge, Color: black
2821180	DB 50- 90 BU	Wire bridge, Color: blue
2820929	DB 50- 90 GY	Wire bridge, Color: gray

**General**

2833547	EL1-P16	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
2833550	EL1-P25	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
2833686	LDM- 12- 24DC	Plug-in module, for mounting on PR1 and PR2, with damping diode and yellow LED, polarity: <b>A1-</b> , <b>A2+</b> (Japan standard), input voltage: 12 -24 V DC $\pm$ 20%
2833699	LDM- 48- 60DC	Plug-in module, for mounting on PR1 and PR2, with damping diode and yellow LED, polarity: <b>A1-</b> , <b>A2+</b> (Japan standard), input voltage: 48 -60 V DC $\pm$ 20%
2833709	LDM-110DC	Plug-in module, for mounting on PR1 and PR2, with damping diode and yellow LED, polarity: <b>A1-</b> , <b>A2+</b> (Japan standard), input voltage: 110 V DC $\pm$ 20%
2833657	LDP- 12- 24DC	Plug-in module, for mounting on PR1 and PR2, with damping diode and yellow LED, polarity: <b>A1+</b> , <b>A2-</b> , input voltage: 12 -24 V DC $\pm$ 20%
2833660	LDP- 48- 60DC	Plug-in module, for mounting on PR1 and PR2, with damping diode and yellow LED, polarity: <b>A1+</b> , <b>A2-</b> , input voltage: 48 -60 V DC $\pm$ 20%
2833673	LDP-110DC	Plug-in module, for mounting on PR1 and PR2, with damping diode and yellow LED, polarity: <b>A1+</b> , <b>A2-</b> , input voltage: 110 V DC $\pm$ 20%
2833712	LV- 12- 24UC	Plug-in module, for mounting on PR1 and PR2, with varistor and yellow LED, input voltage: 12 - 24 V AC/DC $\pm$ 20%
2833725	LV- 48- 60UC	Plug-in module, for mounting on PR1 and PR2, with varistor and yellow LED, input voltage: 48-60 V AC/DC $\pm$ 20%
2833738	LV-120-230AC/110DC	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%
2833631	MP 1	Equipment marker, labeling surface 6 x 15 mm
2833741	RC- 12- 24UC	Plug-in module, for mounting on PR1 and PR2, with RC element, input voltage: 12 - 24 V AC/DC $\pm$ 20%
2833754	RC- 48- 60UC	Plug-in module, for mounting on PR1 and PR2, with RC element, input voltage: 48-60 V AC/DC $\pm$ 20%
2833767	RC-120-230UC	Plug-in module, for mounting on PR1 and PR2, with RC element, input voltage: 120 - 230 V AC/DC $\pm$ 20%
2833864	V- 12- 24UC	Plug-in module, for mounting on PR1 and PR2, with varistor, input voltage: 12-24 V AC/DC $\pm$ 20%
2833877	V- 48- 60UC	Plug-in module, for mounting on PR1 and PR2, with varistor, input voltage: 48-60 V AC/DC $\pm$ 20%
2833880	V-120-230UC	Plug-in module, for mounting on PR1 and PR2, with varistor, input voltage: 120-230 V AC/DC $\pm$ 20%

**Marking**

0819288	EML (15X6) R YE	Label, Roll, yellow, Unlabeled, Can be labeled with: Thermomark R, Thermomark X, Thermomark S, Mounting type: Adhesive, Lettering field: 15 x 6 mm
---------	-----------------	--

**Additional products**

Item	Designation	Description
<b>General</b>		
2961532	REL-MR- 12DC/21HC AU	Pluggable miniature relays, with power contact for high continuous current and additional hard gold plating, 1 PDT, input voltage 12 V DC
2961435	REL-MR- 24AC/21-21	Pluggable miniature relay, with power contact, 2 PDT, coil voltage 24 V AC
2961464	REL-MR- 24AC/21-21AU	Pluggable miniature relay with power contact and additional hard gold plating, 2 PDT, coil voltage 24 V AC
2961406	REL-MR- 24AC/21HC	Pluggable miniature relays, with power contact for high continuous current, 1 PDT, input voltage 24 V AC
2961503	REL-MR- 24AC/21HC AU	Pluggable miniature relays, with power contact for high continuous current and additional hard gold plating, 1 PDT, input voltage 24 V AC
2961545	REL-MR- 24DC/21HC AU	Pluggable miniature relays, with power contact for high continuous current and additional hard gold plating, 1 PDT, input voltage 24 V DC
2961561	REL-MR-110DC/21HC AU	Pluggable miniature relays, with power contact for high continuous current and additional hard gold plating, 1 PDT, input voltage 110 V DC
2961448	REL-MR-120AC/21-21	Pluggable miniature relay, with power contact, 2 PDT, coil voltage 120 V AC
2961477	REL-MR-120AC/21-21AU	Pluggable miniature relay with power contact and additional hard gold plating, 2 PDT, coil voltage 120 V AC
2961419	REL-MR-120AC/21HC	Pluggable miniature relays, with power contact for high continuous current, 1 PDT, input voltage 120 V AC
2961516	REL-MR-120AC/21HC AU	Pluggable miniature relays, with power contact for high continuous current and additional hard gold plating, 1 PDT, input voltage 120 V AC
2961451	REL-MR-230AC/21-21	Pluggable miniature relay, with power contact, 2 PDT, coil voltage 230 V AC
2961480	REL-MR-230AC/21-21AU	Pluggable miniature relay with power contact and additional hard gold plating, 2 PDT, coil voltage 230 V AC
2961422	REL-MR-230AC/21HC	Pluggable miniature relays, with power contact for high continuous current, 1 PDT, input voltage 230 V AC
2961529	REL-MR-230AC/21HC AU	Pluggable miniature relays, with power contact for high continuous current and additional hard gold plating, 1 PDT, input voltage 230 V AC

<b>Relay</b>		
2961257	REL-MR- 12DC/21-21	Pluggable miniature relays, with power contact, 2 PDT, input voltage 12 V DC
2961299	REL-MR- 12DC/21-21AU	Pluggable miniature relays, with multi-layer contact, 2 PDT, input voltage 12 V DC
2961309	REL-MR- 12DC/21HC	Pluggable miniature relays, with power contact for high continuous current, 1 PDT, input voltage 12 V DC
2961341	REL-MR- 24DC/11C	Pluggable miniature relays, with power contact for lamp loads and capacitive loads, 1 N/O contact, input voltage 24 V DC
2961192	REL-MR- 24DC/21-21	Pluggable miniature relays, with power contact, 2 PDT, input voltage 24 V DC
2961215	REL-MR- 24DC/21-21AU	Pluggable miniature relays, with multi-layer contact, 2 PDT, input voltage 24 V DC
2961312	REL-MR- 24DC/21HC	Pluggable miniature relays, with power contact for high continuous current, 1 PDT, input voltage 24 V DC
2834834	REL-MR- 48DC/21-21	Plug-in miniature relay, with power contact, 2 PDT, input voltage 48 V DC
2834847	REL-MR- 48DC/21-21AU	Plug-in miniature relay, with multi-layer contact, 2 PDT, input voltage 48 V DC
2834821	REL-MR- 48DC/21HC	Plug-in miniature relay, with power contact for high continuous current, 1 PDT, 48 V DC
2961273	REL-MR- 60DC/21-21	Pluggable miniature relays, with power contact, 2 PDT, input voltage 60 V DC
2961286	REL-MR- 60DC/21-21AU	Pluggable miniature relays, with multi-layer contact, 2 PDT, input voltage 60 V DC
2961325	REL-MR- 60DC/21HC	Pluggable miniature relays, with power contact for high continuous current, 1 PDT, 60 V DC
2961202	REL-MR-110DC/21-21	Pluggable miniature relays, with power contact, 2 PDT, input voltage 110 V DC
2961228	REL-MR-110DC/21-21AU	Pluggable miniature relays, with multi-layer contact, 2 PDT, input voltage 110 V DC
2961338	REL-MR-110DC/21HC	Pluggable miniature relays, with power contact for high continuous current, 1 PDT, input voltage 110 V DC

**Address**

PHOENIX CONTACT Ltd  
Halesfield 13  
Telford Shropshire TF7 4PG,GB  
Phone 01952 681 700  
Fax 01952 681 799  
<http://www.phoenixcontact.co.uk>



© 2013 Phoenix Contact  
Technical modifications reserved;