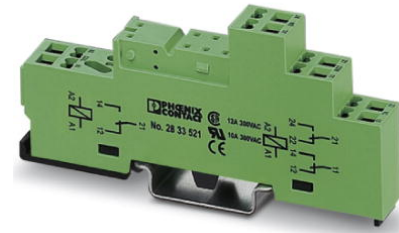


# PR1-BSP3/2X21


Order No.: 2833534



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2833534>


Relay socket 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, spring-cage connections, connection facility for input/interference suppression modules



Commercial data	
GTIN (EAN)	 4 017918 933784
sales group	G310
Pack	10 pcs.
Customs tariff	85366990
Catalog page information	Page 59 (IF-2011)

**Product notes**

WEEE/RoHS-compliant since:  
01/01/2006



<http://www.download.phoenixcontact.com>  
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Technical data	
Connection data	
Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.5 mm <sup>2</sup>

Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16
Connection method	Spring-cage connection
Stripping length	10 mm

#### General data

Width	16 mm
Height	97 mm
Ambient temperature (operation)	-25 °C ... 85 °C

#### Certificates / Approvals



Certification CUL, UL

#### 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 ± 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 ± 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%
<b>Marking</b>		
0819288	EML (15X6) R YE	Labels for thermal transfer printers, lettering field: 15 mm x 6 mm, 1 roll = 2500 labels, color: Yellow

**Additional products**

Item	Designation	Description
<b>General</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
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
2987956	REL-MR- 24AC/21-21/MS	Plug-in miniature relay, with power contact, 2 PDTs, test button, mechanical switch position indicator, integrated LED, input 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
2987891	REL-MR- 24AC/21HC/MS	Pluggable miniature relays, with power contact for high continuous current, 1 PDT, test button, mechanical switch position indicator, integrated LED, input voltage 24 V AC
2961341	REL-MR- 24DC/ 1IC	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
2987943	REL-MR- 24DC/21-21/MS	Plug-in miniature relay, with power contact, 2 PDTs, test button, mechanical switch position indicator, integrated LED and free-wheeling diode, 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
2987985	REL-MR- 24DC/21-21AU/MS	Plug-in miniature relay, with multi-layer contact, 2 PDTs, test button, mechanical switch position indicator, integrated LED and free-wheeling diode, 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
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
2987927	REL-MR- 24DC/21HC AU/MS	Pluggable miniature relays, with power contact for high continuous current, and with additional hard gold plating, 1 PDT, test button, mechanical switch position indicator, input voltage 24 V AC
2987888	REL-MR- 24DC/21HC/MS	Pluggable miniature relays, with power contact for high continuous current, 1 PDT, test button, mechanical switch position indicator, integrated LED and free-wheeling diode, input voltage 24 V AC
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
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
2987969	REL-MR-120AC/21-21/MS	Plug-in miniature relay, with power contact, 2 PDTs, test button, mechanical switch position indicator, integrated LED, 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
2987901	REL-MR-120AC/21HC/MS	Pluggable miniature relays, with power contact for high continuous current, 1 PDT, test button, mechanical switch position indicator, integrated LED, input voltage 120 V AC
2961451	REL-MR-230AC/21-21	Pluggable miniature relay, with power contact, 2 PDT, coil voltage 230 V AC
2987972	REL-MR-230AC/21-21/MS	Plug-in miniature relay, with power contact, 2 PDTs, test button, mechanical switch position indicator, integrated LED, 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
2987998	REL-MR-230AC/21-21AU/MS	Plug-in miniature relay, with power contact and additional hard gold plating, 2 PDTs, test button, mechanical switch position indicator, integrated LED, 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
2987930	REL-MR-230AC/21HC AU/MS	Pluggable miniature relays, with power contact for high continuous current, and with additional hard gold plating, 1 PDT, test button, mechanical switch position indicator, integrated LED, input voltage 230 V AC
2987914	REL-MR-230AC/21HC/MS	Pluggable miniature relays, with power contact for high continuous current, 1 PDT, test button, mechanical switch position indicator, integrated LED, input voltage 230 V AC

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