

PR1-BSC3/2X21

Order No.: 2833521



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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, 1/3 level design, screw connections, connection facility for input/interference suppression modules

Commercial data

EAN	 4 017918 933777
sales group	G300
Pack	10 Pcs.
Customs tariff	85366990
Gross weight in pieces	0.04953 KG
Net weight per piece	0.04722 KG
Catalog page information	Page 373 (C-7-2013)

Product notes

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



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Technical data

Dimensions

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

Ambient conditions

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

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
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 ²
2 conductors with same cross section, stranded max.	2.50 mm ²
2 conductors with same cross section, AWG max.	14
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3

General

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

Certificates / Approvals



Certification

CSA, cULus Recognized

Certifications applied for:

Certification Ex:

Accessories

Item	Designation	Description
Bridges		
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: A1- , A2+ (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: A1- , A2+ (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: A1- , A2+ (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: A1+ , A2- , 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: A1+ , A2- , 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: A1+ , A2- , 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 ROLL, THERMOMARK X, THERMOMARK S1.1, Mounting type: Adhesive, Lettering field: 15 x 6 mm
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Additional products

Item	Designation	Description
Relay		
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, status 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	Plug-in miniature relay, with power contact, 1 PDT, test button, mechanical switch position indicator, status 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, status LED, freewheeling diode, polarity A1+, A2, 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 with hard gold coating, 2 PDTs, test button, mechanical switch position indicator, status LED, freewheeling diode, polarity A1+, A2-, 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	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
2987888	REL-MR- 24DC/21HC/MS	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
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, status 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	Plug-in miniature relay, with power contact, 1 PDT, test button, mechanical switch position indicator, status 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, status 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 multi-layer contact with hard gold coating, 2 PDTs, test button, mechanical switch position indicator, status 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	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
2987914	REL-MR-230AC/21HC/MS	Plug-in miniature relay, with power contact, 1 PDT, test button, mechanical switch position indicator, status LED, input voltage 230 V AC

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