



Plug-in miniature power relay, Encapsulated design with power contact, 2 CO contact, Input voltage: 12 VDC

Business data	
Article number	<u>6482.2</u>
Article name	PRS 2/12V DC
GTIN (EAN)	4044211074210
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	12.9 g
Weight per piece (including packaging)	14.71 g
Unit of weight	G
Customs number	85364900
Country of origin	AT
Product description	Relay, encapsulated construction

Creation date 17.05.2023 04:59:15



Technical data

Length 29 mm Width 12.7 mm Height 15.7 mm Ratings	Dimensions	
Height 15.7 mm Ratings Overvoltage category III Contamination degree 3 (250 VAC) / 2 (400 VAC) Input data Working voltage 3 (250 VAC) / 2 (400 VAC) Input data Uorking voltage 3 (250 VAC) / 2 (400 VAC) Drop-out voltage 1,2 VDC - Dorp-out voltage 1,2 VDC - Power consumption 0,4 W Coil resistance 360 Ohm Output data Switching voltage / switching voltage max. Switching voltage / switching voltage max. 250 / 400 VAC Contact configuration 2 CO contacts Switching capacity, max. 2000 VA Electrical lifespan (AC1) 1x10? Mechanical lifespan 30x10? Bounce time at close of the NO/NC contact 8/6 ms Materials Contact material Contact material AgNi 90/10 Working temperature, min. -40 °C Working temperature, max. 70 °C Further technical data Ek / 6 ms Degree of protection RTII Insulation voltage coil/contact 5 kV Response/release time <t< td=""><td>Length</td><td>29 mm</td></t<>	Length	29 mm
Ratings	Width	12.7 mm
Overvoltage category III Contamination degree 3 (250 VAC) / 2 (400 VAC) Input data	Height	15.7 mm
Contamination degree 3 (250 VAC) / 2 (400 VAC) Input data Working voltage >8,4 VDC - Drop-out voltage 1,2 VDC Coil voltage 12 VDC - Power consumption 0,4 W Coil resistance 360 Ohm Output data Switching voltage max. Switching voltage / switching voltage max. 250 / 400 VAC Contaurous current max. / Inrush current max. 8 / 15 A Contact configuration 2 CO contacts Switching capacity, max. 2000 VA Electrical lifespan (AC1) 1x10? Materials 30x10? Bounce time at close of the NO/NC contact 8/6 ms Materials 70 °C Further technical data Pogree of protection RTII Insulation voltage coil/contact Insulation voltage coil/contact 5 kV Response/release time 8 / 6 ms Insulation voltage contact/contact 1 kV Vibration resistance NO/NC 20/5 g	Ratings	
Input data Working voltage >8,4 VDC - Drop-out voltage 1,2 VDC Coil voltage 12 VDC - Power consumption 0,4 W Coil resistance 360 Ohm Output data Switching voltage / switching voltage max. Switching voltage / switching voltage max. 250 / 400 VAC Contact configuration 2 CO contacts Switching capacity, max. 2000 VA Electrical lifespan (AC1) 1x10? Mechanical lifespan 30x10? Bounce time at close of the NO/NC contact 8/6 ms Materials Contact material Contact material AgNi 90/10 Working temperature, min. -40 °C Working temperature, max. 70 °C Further technical data Elegree of protection Degree of protection RTII Insulation voltage coil/contact 5 kV Response/release time 8 / 6 ms Insulation voltage contact/contact 1 kV Vibration resistance NO/NC 20/5 g	Overvoltage category	III
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Power consumption 0,4 W Coil resistance 360 Ohm Output data	Drop-out voltage	1,2 VDC
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Switching voltage / switching voltage max.250 / 400 VACContinuous current max. / Inrush current max.8 / 15 AContact configuration2 CO contactsSwitching capacity, max.2000 VAElectrical lifespan (AC1)1x10?Mechanical lifespan30x10?Bounce time at close of the NO/NC contact8/6 msMaterialsContact materialContact materialAgNi 90/10Working temperature, min40 °CWorking temperature, max.70 °CFurther technical dataElegree of protectionDegree of protectionRTIIInsulation voltage coil/contact5 kVResponse/release time8 / 6 msInsulation voltage contact/contact1 kVVibration resistance NO/NC20/5 g	Coil resistance	360 Ohm
Contact configuration8 / 15 AContact configuration2 CO contactsSwitching capacity, max.2000 VAElectrical lifespan (AC1)1x10?Mechanical lifespan30x10?Bounce time at close of the NO/NC contact8/6 msMaterialsContact materialContact materialAgNi 90/10Working temperature, min40 °CWorking temperature, max.70 °CFurther technical dataElegree of protectionDegree of protectionRTIIInsulation voltage coil/contact5 kVResponse/release time8 / 6 msInsulation voltage contact/contact1 kVVibration resistance NO/NC20/5 g	Output data	
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Bounce time at close of the NO/NC contact8/6 msMaterialsAgNi 90/10Contact materialAgNi 90/10Working temperature, min40 °CWorking temperature, max.70 °CFurther technical dataDegree of protectionRTIIInsulation voltage coil/contact5 kVResponse/release time8 / 6 msInsulation voltage contact/contact1 kVVibration resistance NO/NC20/5 g	Electrical lifespan (AC1)	1x10?
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Insulation voltage coil/contact 5 kV Response/release time 8 / 6 ms Insulation voltage contact/contact 1 kV Vibration resistance NO/NC 20/5 g	Further technical data	
Response/release time 8 / 6 ms Insulation voltage contact/contact 1 kV Vibration resistance NO/NC 20/5 g	Degree of protection	RTII
Insulation voltage contact/contact1 kVVibration resistance NO/NC20/5 g	Insulation voltage coil/contact	5 kV
Vibration resistance NO/NC 20/5 g	Response/release time	8 / 6 ms
	Insulation voltage contact/contact	1 kV
Pinning 5 mm	Vibration resistance NO/NC	20/5 g
	Pinning	5 mm



Technical data

Environmental Product Compliance		
REACH Conform	yes	
REACH Reference date	2023-01-17	
REACH Candidate Substance Note	No	
RoHS Conform	yes	



Approvals

Standards and regulations

CE compliant

yes

Media





Accessories

##INVERSE##CONTA-ELECTRONICS



Relay socket base PRS, for miniature power relay with 2 CO contacts, Screw connection, Plug-in option for input/suppression modules, Mounting type: Mounting rail TS 35

Article number	Article name	GTIN (EAN)	Packaging unit
15136.2	PRS 2	4044211046194	1 ST



Relay socket base PRS, for miniature power relay with 2 CO contacts, Screw connection, Plug-in option for input/suppression modules, Mounting type: Mounting rail TS 35

Article number	Article name	GTIN (EAN)	Packaging unit
15320.2	PRS 2 G	4044211047115	1 ST



Relay socket base PRS, for miniature power relay with 2 CO contacts, Tension-spring connection, Plug-in option for input/suppression modules, Mounting type: Mounting rail TS 35

Article number	Article name	GTIN (EAN)	Packaging unit
15789.2	PRS 2 Z	4044211135256	1 ST



Pre-assembled relay module PRS..., Tension-spring connection, Consisting of: relay socket base, power contact relay, pluggable display/suppression module and holding clip, 2 CO contact, Input voltage: 12 VDC

Article number	Article name	GTIN (EAN)	Packaging unit
15790.2	PRSU 2Z/12V DC	4044211135348	10 ST



Pre-assembled relay module PRS..., Screw connection, Consisting of: relay socket base, power contact relay, pluggable display/suppression module and holding clip, 2 CO contacts, Input voltage: 12 VDC

Article number	Article name	GTIN (EAN)	Packaging unit
15165.2	PRSU 2/12V DC	4044211046446	10 ST



Pre-assembled relay module PRS..., Screw connection, Consisting of: relay socket base, power contact relay, pluggable display/suppression module and holding clip, 2 CO contacts, Input voltage: 12 VDC

Article number	Article name	GTIN (EAN)	Packaging unit
15414.2	PRSU 2G/12V DC	4044211080808	1 ST



##INVERSE##CONTA-ELECTRONICS



Relay socket base PRS, for miniature power relay with 2 CO contacts, Push-in connection, Plug-in option for input/suppression modules and cross connections, Mounting type: Mounting rail TS 35

Article number	Article name	GTIN (EAN)	Packaging unit
16503.2	PPRS 2	4044211236298	20 ST



Plug-Relay-Compact (PRC) socket base PRC with tension-spring connection, Mounting type: Mounting rail TS 35, 2 CO contact, Input voltage: 6, 12 or 24 VAC/DC

Article number	Article name	GTIN (EAN)	Packaging unit
15922.2	ZPRC 2 6-12-24V AC/DC	4044211137373	10 ST

Plug-Relay-Compact (PRC) Complete, Consisting of base PRC... with tension-spring connection and pluggable miniature relay PRS... with power contact, Mounting type: Mounting rail TS 35, 2 CO contacts, Input voltage: 12 VAC/DC

Article number	Article name	GTIN (EAN)	Packaging unit
15927.2	ZPRCU 2 12V AC/DC	4044211137458	10 ST



Plug-Relay-Compact (PRC) Complete, Consisting of base PRC... with screw connection and pluggable miniature relay PRS... with power contact, Mounting type: Mounting rail TS 35, 2 CO contacts, Input voltage: 12 VAC/DC

Article number	Article name	GTIN (EAN)	Packaging unit
15924.2	PRCU 2 12V AC/DC	4044211137427	10 ST



Relay socket base PRS, for miniature power relay with 2 CO contacts, Push-in connection, Plug-in option for input/suppression modules and cross connections, Mounting type: Mounting rail TS 35

Article number	Article name	GTIN (EAN)	Packaging unit
16503.2	PPRS 2	4044211236298	20 ST