



Plug-in miniature power relay, Encapsulated design with power contact, 2 CO contact, Input voltage: 110 VDC

Business data

Article number	<u>15541.2</u>
Article name	PRS 2/110V DC
GTIN (EAN)	4044211117924
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	13.7 g
Weight per piece (including packaging)	15.53 g
Unit of weight	G
Customs number	85364900
Country of origin	AT
Product description	Relay, encapsulated construction
	Trolay, choapsulated constitution





Dimensions		
Length 29 mm Width 12.7 mm Height 15.7 mm Ratings III Contamination degree 3 (250 VAC) / 2 (400 VAC) Input data Working voltage Working voltage >777,0 VDC - Drop-out voltage 11,0 VDC Coil voltage 110 VDC - Power consumption 0,42 W Coil resistance 28800 Ohm Output data Switching voltage max. Switching voltage / switching voltage max. 250 / 400 VAC Continuous current max. / Inrush current max. 8 / 15 A 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 Working temperature, min. -40 °C Working temperature, max. 70 °C Further technical data Degree of protection Response/release time 8 / 6 ms Ins	Technical data	
Width 12.7 mm Height 15.7 mm Ratings Overvoltage category Contamination degree 3 (250 VAC) / 2 (400 VAC) Input data Working voltage Working voltage >77.0 VDC - Drop-out voltage 11,0 VDC Coil voltage 110 VDC - Power consumption 0,42 W Coil resistance 28800 Ohm Output data Switching voltage max. Switching voltage / switching voltage max. 250 / 400 VAC Continuous current max. / Inrush current max. 8 / 15 A 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 Working temperature, min. 40 °C Working temperature, max. 70 °C Further technical data Degree of protection Response/release time 8 / 6 ms Insulation voltage contact/contact 1	Dimensions	
Height	Length	29 mm
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Input data	Overvoltage category	III
Working voltage >77,0 VDC - Drop-out voltage 11,0 VDC Coil voltage 110 VDC - Power consumption 0,42 W Coil resistance 28800 Ohm Output data Switching voltage / switching voltage max. 250 / 400 VAC Continuous current max. / Inrush current max. 8 / 15 A 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 AgNi 90/10 Working temperature, min. -40 °C Working temperature, max. 70 °C Further technical data 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	Contamination degree	3 (250 VAC) / 2 (400 VAC)
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Continuous current max. / Inrush current max. Contact configuration 2 CO contacts Switching capacity, max. Electrical lifespan (AC1) Mechanical lifespan 30x10? Bounce time at close of the NO/NC contact Materials Contact material AgNi 90/10 Working temperature, min. 40 °C Working temperature, max. 70 °C Further technical data Degree of protection RTII Insulation voltage coil/contact 8 / 6 ms RYII Insulation voltage contact/contact 1 kV Vibration resistance NO/NC 2005 g	Output data	
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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 AgNi 90/10 Working temperature, min40 °C Working temperature, max. 70 °C Further technical data 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	Continuous current max. / Inrush current max.	8 / 15 A
Electrical lifespan (AC1) Mechanical lifespan Bounce time at close of the NO/NC contact Materials Contact material AgNi 90/10 Working temperature, min. -40 °C Working temperature, max. 70 °C Further technical data Degree of protection Insulation voltage coil/contact Response/release time 8 / 6 ms Insulation voltage contact/contact 1 kV Vibration resistance NO/NC 1 x10? AgNi 90/10 AgNi 90/10 AgNi 90/10 AgNi 90/10 Further technical data 1 40 °C Agni 90/10 Ag	Contact configuration	2 CO contacts
Mechanical lifespan 30x10? Bounce time at close of the NO/NC contact 8/6 ms Materials Contact material AgNi 90/10 Working temperature, min40 °C Working temperature, max. 70 °C Further technical data 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	Switching capacity, max.	2000 VA
Bounce time at close of the NO/NC contact 8/6 ms Materials Contact material AgNi 90/10 Working temperature, min40 °C Working temperature, max. 70 °C Further technical data 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	Electrical lifespan (AC1)	1x10?
Materials Contact material AgNi 90/10 Working temperature, min. -40 °C Working temperature, max. 70 °C Further technical data 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	Mechanical lifespan	30x10?
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Working temperature, min. -40 °C Working temperature, max. 70 °C Further technical data 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	Materials	
Working temperature, max. 70 °C Further technical data 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	Contact material	AgNi 90/10
Further technical data 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	Working temperature, min.	-40 °C
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	Working temperature, max.	70 °C
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/contact 1 kV Vibration resistance NO/NC 20/5 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	2022-01-07	
REACH Candidate Substance Note	No	
RoHS Conform	yes	



15541.2 PRS 2/110V DC

Approvals		
Standards and regulations		
CE compliant	yes	

Data sheet 15541.2 PRS 2/110V DC



Media

15541.2 PRS 2/110V DC



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..., Screw connection, Consisting of: relay socket base, power contact relay, pluggable display/suppression module and holding clip, 2 CO contacts, Input voltage: 110 VDC

Article number	Article name	GTIN (EAN)	Packaging unit
15722.2	PRSU 2/110V DC	4044211138424	1 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: 110 VDC

Article number	Article name	GTIN (EAN)	Packaging unit
15723.2	PRSU 2G/110V DC	4044211138431	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: 110 VDC

Article number	Article name	GTIN (EAN)	Packaging unit
15794.2	PRSU 2Z/110V DC	4044211135386	1 ST



##INVERSE##CONTA-ELECTRONICS



Plug-Relay-Compact (PRC) socket base PRC with screw connection, Mounting type: Mounting rail TS 35, 2 CO contact, Input voltage: 220 to 240 VAC/DC

Article number	Article name	GTIN (EAN)	Packaging unit
15921.2	PRC 2 220240V AC/DC	4044211137366	10 ST



Plug-Relay-Compact (PRC) socket base PRC with tension-spring connection, Mounting type: Mounting rail TS 35, 2 CO contact, Input voltage: 220 to 240 VAC/DC

Article number	Article name	GTIN (EAN)	Packaging unit
15923.2	ZPRC 2 220240V AC/DC	4044211137380	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: 240 VAC/DC

Article number	Article name	GTIN (EAN)	Packaging unit
15926.2	PRCU 2 240V AC/DC	4044211137441	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: 240 VAC/DC

Article number	Article name	GTIN (EAN)	Packaging unit
15929.2	ZPRCU 2 240V AC/DC	4044211137472	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