



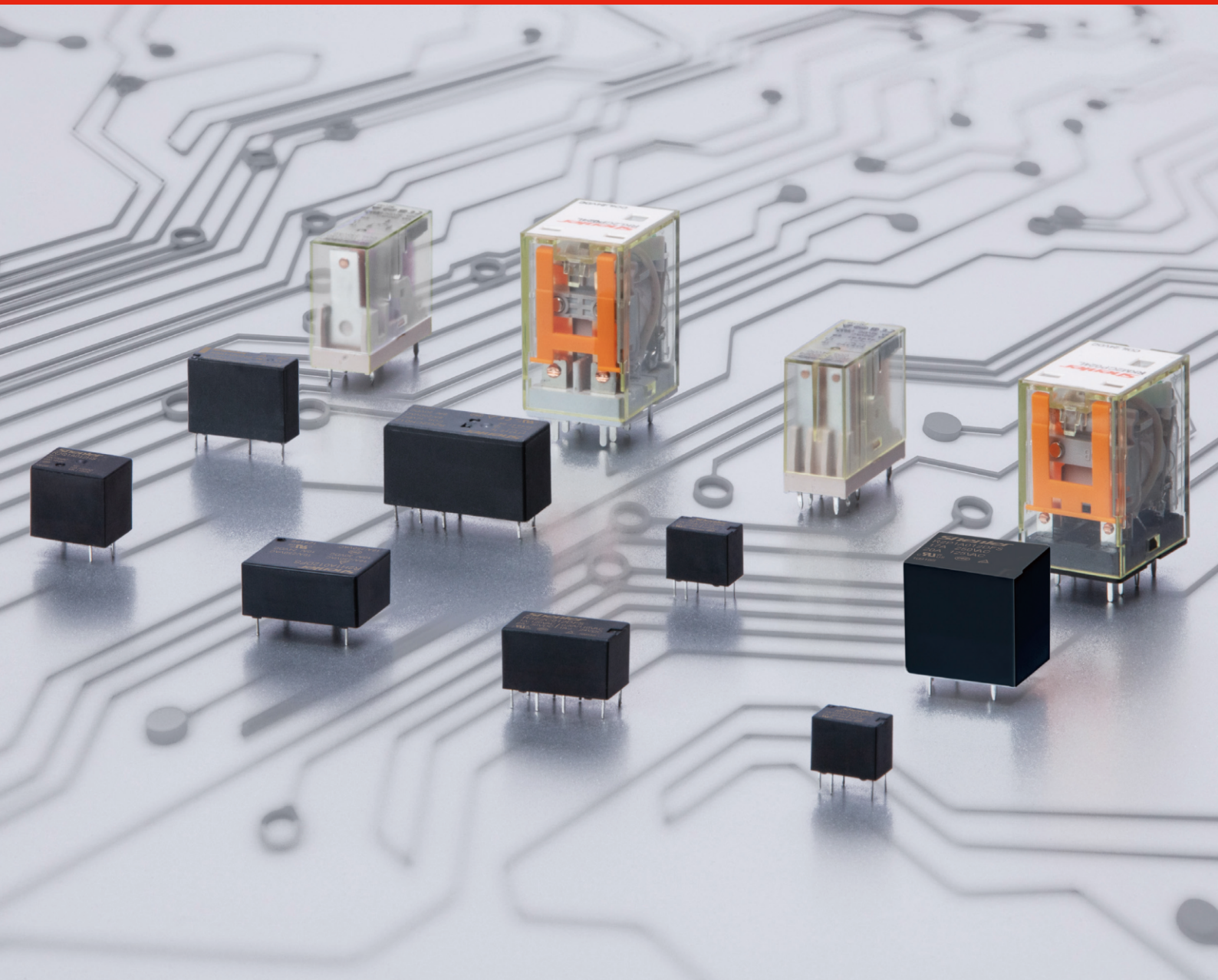
Shenler

工业继电器专家，源自三十年专注与创新
Bring reliability to everything we RELAY

PCB继电器系列产品选型 PCB Relay Product Catalogue

信号继电器
Signal Relay

功率继电器
Power Relay



>>> 关于申乐 About Shenler

申乐股份有限公司是一家致力于工业继电器产品研发、制造及销售为一体的无区域股份制民营企业。

公司的发展可追溯到 1985 年成立的乐清县申乐继电器厂，1997 年公司顺利改制升级为浙江申乐电气有限公司，2014 年公司通过重组，注册成立申乐股份有限公司。经过三十余年的发展，公司相继通过 ISO9001 质量管理体系认证，荣获“中国继电器十强企业、国家星火计划项目、科技成果自主创新优秀奖、国家火炬计划产业化示范项目、中国继电器十大品牌、中国高新技术企业信用评价 AAA 级、浙江省科技型中小企业、高新技术企业、中国国际新技术新产品博览会金奖、温州名牌产品”等荣誉。

申乐产品多达 80 多个系列，2600 多种继电器与插座型号，产品主要有 PCB 继电器、工业继电器、接口继电器、时间继电器、插座及附件、模组产品，产品通过 UL、CSA、CE、TUV、CQC 等认证。

申乐的销售和服务网络覆盖全球，65% 以上的产品远销海外，产品广泛应用于机械制作，起重机械，机床，造纸设备，电机控制，电梯，机器人，食物及饮料，橡胶设备，陶瓷机械，印刷及包装，注塑机械，纺织机械，物流设备，电子制造，石化，新能源及其它领域。

Shenle Co., Ltd. is a non regional joint-stock private enterprise dedicated to the R & D, manufacturing and sales of industrial relay products.

The development of the company can be traced back to the Yueqing Shenle relay factory established in 1985. In 1997, the company was successfully restructured and upgraded to Zhejiang Shenle Electric Co., Ltd. and in 2014, the company registered and established Shenle Co., Ltd. through restructuring. After more than 30 years of development, the company has passed the ISO9001 quality management system certification, and won the "top ten relay enterprises in China, national Spark Program project, outstanding award for independent innovation of scientific and technological achievements, National Torch Program industrialization demonstration project, top ten relay brands in China, AAA credit rating of high-tech enterprises in China, small and medium-sized technology-based enterprises in Zhejiang Province, and high-tech enterprises Industry, China International New Technology and new products Fair Gold Award, Wenzhou famous brand products" and other honors.

Shenle products have more than 80 series and more than 2600 relay and socket models. The products mainly include PCB Relay, industrial relay, interface relay, time relay, socket, accessories and module. The products have passed UL, CSA, CE, TUV, CQC and other certification.

Shenle's sales and service network covers the world. More than 65% of its products are exported to overseas countries. Its products are widely used in machinery manufacturing, hoisting machinery, machine tools, paper-making equipment, motor control, elevators, robots, food and beverage, rubber equipment, ceramic machinery, printing and packaging, injection molding machinery, textile machinery, logistics equipment, electronic manufacturing, petrochemical, new energy and other fields.

>>> 公司企业文化 Corporate Culture

使命 Mission

以卓越的品质，振兴民族品牌
Vitalize national brand with
excellent quality

愿景 Vision

让申乐品牌走向世界，成为行业领军者
Let Shenle brand go to
the world and become the
industry leader

价值观 Values

申信达诚 乐群敬业
Honest, trustworthy and
Dedicated

企业精神 Enterprise Spirit

团结务实 优质高效
开拓创新 追求卓越
Unity, Efficient, Innovation,
Excellence

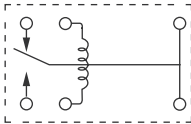
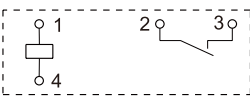
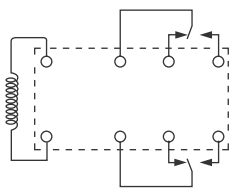
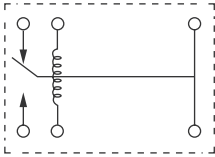
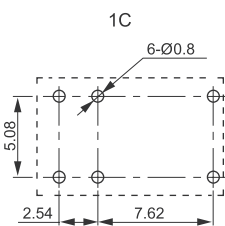
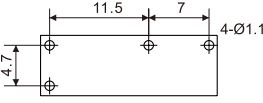
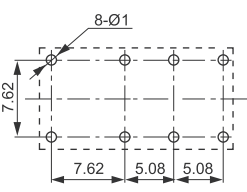
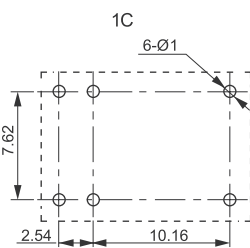
Shenler

>>> 继电器选择表

Relay Product Catalogue

Shenler
PCB 继电器系列
PCB Relay

信号继电器Signal Relay

型号Model	R5V	R5B	R5E	R5F
				
外形尺寸 长x宽x高 (mm) Dimensions L x W x H	12.3x7.4x9.9	20.5x7.2x15.3	20.5x10.0x11.6	15.5x10.5x11.8
触点形式Contact Form	1C	1A	2C	1A, 1C
触点负载Contact Load	1A 125VAC 1A 30VDC	3A 250VAC 3A 30VDC	1A 120VAC 2A 30VDC	3A 120VAC 3A 24VDC 1A 125VAC 1A 30VDC
线圈电压Coil Voltage	3-24VDC	5-24VDC	3-48VDC	3-24VDC
线圈功率(W) Coil Operating Power	0.15, 0.20	0.20	0.15, 0.20, 0.36, 0.45	0.20, 0.36, 0.45
接触电阻 Initial Contact Resistance	≤100mΩ	≤50mΩ	≤100mΩ	≤100mΩ
绝缘电阻 (500VDC) Insulation Resistance	≥100MΩ	≥1000MΩ	≥1000MΩ	≥100MΩ
寿命 (次) Durability	电气Electrical 10x10 ⁴ 机械Mechanical 1000x10 ⁴	20x10 ⁴ 1000x10 ⁴	10x10 ⁴ 1000x10 ⁴	10x10 ⁴ 1000x10 ⁴
介质耐压 Initial Breakdown	同极触点间 Between Open Contacts 500VAC 触点线圈间 Between Contacts and Coil 1000VAC	750VAC 4000VAC	750VAC 1000VAC	500VAC 1000VAC
环境温度Ambient Temperature	-30°C~+70°C	-40°C~+70°C	-40°C~+85°C	-30°C~+70°C
接线图(底视图) Wiring Diagram (Bottom View)	1C 	1C 	2C 	1C 
安装孔尺寸图(底视图) (mm) Mounting Diagram (Bottom View)	1C 	1C 	2C 	1C 
引出端形式Mounting Type	印制板式PCB Type	印制板式PCB Type	印制板式PCB Type	印制板式PCB Type
重量Unit Weight (g)	约Approx. 2.2g	约Approx. 4.0g	约Approx. 5.0g	约Approx. 4.0g
安规认证Certificates				

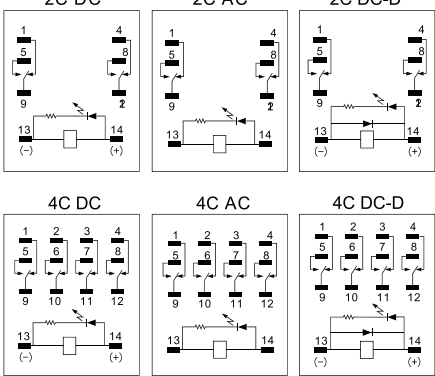
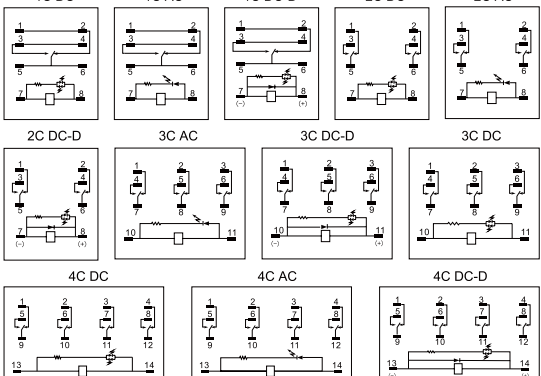
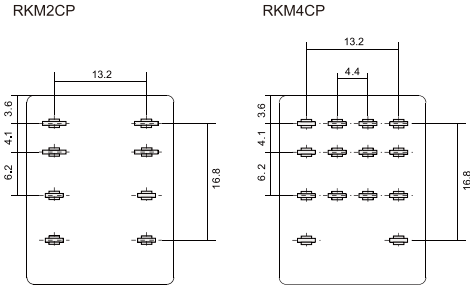
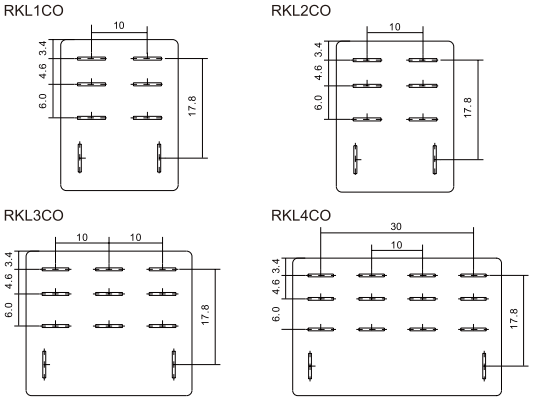
注: 规格和尺寸仅供参考, 如需了解更详细信息, 请同业务人员联系。

Note: specifications and dimensions are for reference only. For more details, please contact the business personnel.

>>> 继电器选择表

Relay Product Catalogue

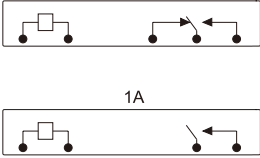
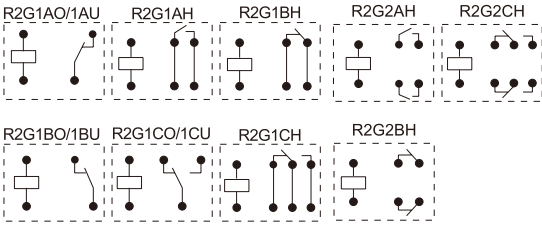
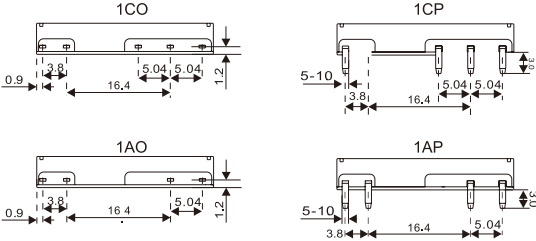
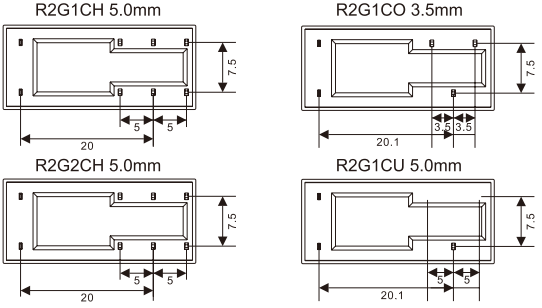
功率继电器Power Relay

型号Model	RKM-P	RKL-P
		
外形尺寸 长x宽x高 (mm) Dimensions L x W x H	28.0x21.5x36.0	1C/2C:28.0x21.5x36.0 3C:28.0x31.5x36.5 4C:28.0x41.5x36.5
触点形式Contact Form	2C, 4C	1C, 2C, 3C, 4C
触点负载Contact Load	2C:5A 250VAC/5A 30VDC 4C:3A 250VAC/3A 30VDC	1C:16A 250VAC/16A 30VDC 2C/3C/4C:10A 250VAC/10A 30VDC
线圈电压Coil Voltage	6-220VDC; 6-380VAC	6-220VDC; 6-380VAC
线圈功率(W) Coil Operating Power	DC:0.9W; AC:1.2VA	1C: 0.9W; 1.2VA 2C: 0.9W; 1.2VA 3C: 1.4W; 2.0VA 4C: 1.5W; 2.5VA
接触电阻 Initial Contact Resistance	≤50mΩ	≤50mΩ
绝缘电阻 (500VDC) Insulation Resistance	≥1000MΩ	≥500MΩ
寿命 (次) 电气Electrical	1S通/1S断: 20x10 ⁴ ; 1S通/9S断: 40x10 ⁴	1C/3C/4C:10x10 ⁴ ; 2C:20x10 ⁴
Durability 机械Mechanical	2000x10 ⁴	1000x10 ⁴
介质耐压 同极触点间 Initial Between Open Contacts	1000VAC	1000VAC
Breakdow 触点线圈间 Between Contacts and Coil	2000VAC	2000VAC
环境温度Ambient Temperature	-55°C~+70°C	-25°C~+55°C
接线图(底视图) Wiring Diagram (Bottom View)		
安装孔尺寸图(底视图) (mm) Mounting Diagram (Bottom View)		
引出端形式Mounting Type	印制板式PCB Type	印制板式PCB Type
重量Unit Weight (g)	约Approx. 35g	1C:约Approx. 40g, 2C:约Approx. 40g, 3C:约Approx. 50g, 4C:约Approx. 70g
安规认证Certificates		

注: 规格和尺寸仅供参考, 如需了解详细信息, 请同业务人员联系。

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功率继电器Power Relay

型号Model	RNC	R2G
		
外形尺寸 长x宽x高 (mm) Dimensions L x W x H	28.0x5.0x15.0	29.0x12.7x15.7
触点形式Contact Form	1A, 1C	1A, 1C, 2A, 2C
触点负载Contact Load	6A 250VAC 6A 30VDC	O: 3.5mm 1C:12A U: 5.0mm 1C:12A H: 5.0mm 1C:16A; 2C:8A
线圈电压Coil Voltage	3-60VDC	5-110VDC, 6-240VAC
线圈功率(W) Coil Operating Power	3-24VDC: 0.17; 48-60VDC: 0.21	0.43
接触电阻 Initial Contact Resistance	≤100mΩ	≤100mΩ
绝缘电阻 (500VDC) Insulation Resistance	≥1000MΩ	≥1000MΩ
寿命 (次) 电气Electrical	NO: 6x10 ⁴ NC: 3x10 ⁴	1s通, 5s断: 3.5mm: 1NO 12A; 1NC 6A≥10 ⁵ 次(85°C) 5.0mm: 1NO 16A; 1NC 8A≥10 ⁵ 次(85°C) 5.0mm: 2NO 8A; 2NC 4A≥10 ⁵ 次(85°C) 1s通, 1s断: 3.5mm: 1NO 12A; 1NC 12A≥5x10 ⁴ 次(23°C) 5.0mm: 1NO 16A; 1NC 16A≥3x10 ⁴ 次(23°C) 5.0mm: 2NO 8A; 2NC 8A≥5x10 ⁴ 次(23°C)
Durability 机械Mechanical	2000x10 ⁴	DC: 8000x10 ⁴ ; AC: 5000x10 ⁴
介质耐压 同极触点间 Initial Breakdown Between Open Contacts	1000VAC	1000VAC
触点线圈间 Breakdown Between Contacts and Coil	4000VAC	5000VAC
环境温度Ambient Temperature	-40°C~+85°C	-40°C~+85°C
接线图(底视图) Wiring Diagram (Bottom View)		
安装孔尺寸图(底视图) Mounting Diagram (Bottom View)		
引出端形式Mounting Type	印制板式PCB Type	印制板式PCB Type
重量Unit Weight (g)	约Approx. 6g	约Approx. 13g
安规认证Certificates		

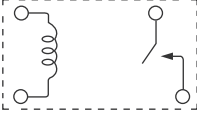
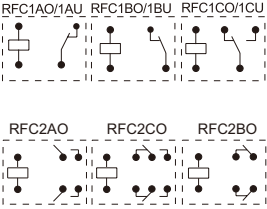
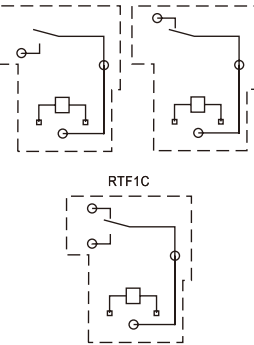
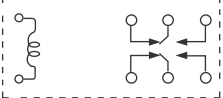
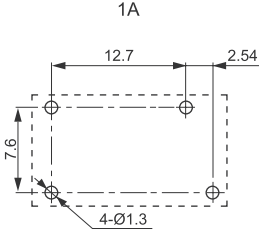
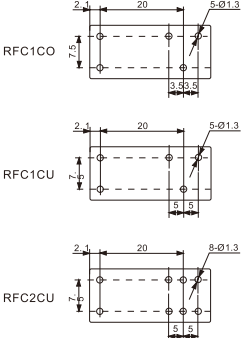
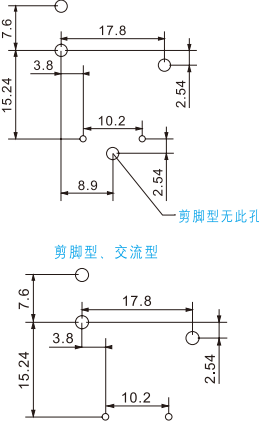
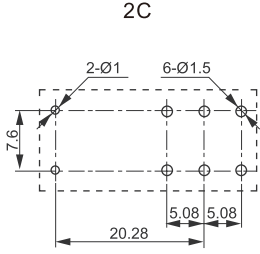
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Relay Product Catalogue

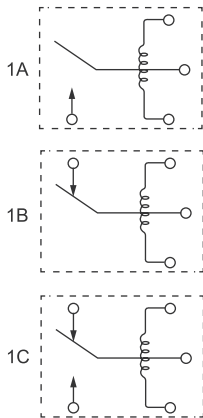
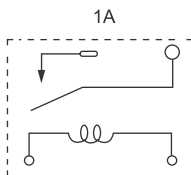
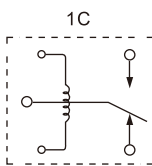
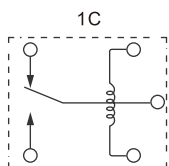
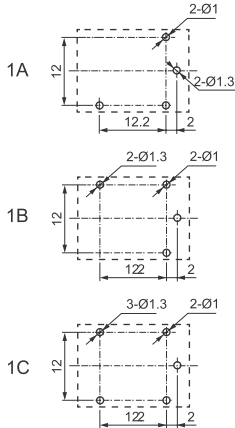
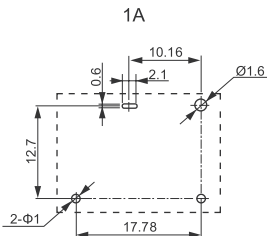
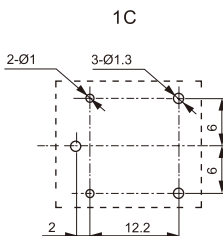
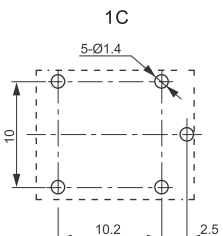
功率继电器Power Relay

型号Model	R2C	RFC	RTF	R5D
				
外形尺寸 长x宽x高 (mm) Dimensions L x W x H	18.1x10.2x15.5	29.0x13.0x26.0	32.0x27.4x19.4	29.2x12.6x20.6
触点形式Contact Form	1A, 1C	1A, 1B, 1C, 2A, 2B, 2C	1A, 1B, 1C	2A, 2C
触点负载Contact Load	10A 120VAC 5A 250VAC 5A 30VDC 3A 277VAC TV-5 120VAC	1A/1B/1C: 10A 250VAC/30VDC 2A/2B/2C: 5A 250VAC 5A 30VDC	NO: 30A 240VAC NC: 20A 240VAC	5A 250VAC 5A 24VDC
线圈电压Coil Voltage	3-24VDC	5-110VDC; 12-230VAC	5-110VDC	3-48VDC
线圈功率(W) Coil Operating Power	0.20, 0.45	DC:0.53; AC:1.0	0.93	0.54, 0.72
接触电阻 Initial Contact Resistance	≤50mΩ	≤50mΩ	≤50mΩ	≤50mΩ
绝缘电阻 (500VDC) Insulation Resistance	≥1000MΩ	≥1000MΩ	≥100MΩ	≥1000MΩ
寿命 (次) Durability	电气Electrical 10x10 ⁴ 机械Mechanical 1000x10 ⁴	10x10 ⁴ 2000x10 ⁴	10x10 ⁴ 1000x10 ⁴	10x10 ⁴ 1000x10 ⁴
介电耐压 Initial Breakdown	同极触点间 Between Open Contacts 1000VAC	1000VAC	1500VAC	1000VAC
触点线圈间 Between Contacts and Coil	4000VAC	5000VAC	2000VAC	5000VAC
环境温度Ambient Temperature	-40°C~+85°C	-40°C~+65°C	-30°C~+70°C	-40°C~+85°C
接线图(底视图) Wiring Diagram (Bottom View)				
安装孔尺寸图(底视图) (mm) Mounting Diagram (Bottom View)				
引出端形式Mounting Type	印制板式PCB Type	印制板式PCB Type	印制板式PCB Type	印制板式PCB Type
重量Unit Weight (g)	约Approx. 5.6g	约Approx. 17.0g	约Approx. 24.0g	约Approx. 13.5g
安规认证Certificates				

注: 规格和尺寸仅供参考, 如需了解详细信息, 请同业务人员联系。

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功率继电器Power Relay

型号Model	R2N	R2H	R2P	R2Q
				
外形尺寸 长x宽x高 (mm) Dimensions L x W x H	20.3x16.6x20.5	23.0x16.1x10.3	21.0x16.0x20.8	15.5x12.2x14.0
触点形式Contact Form	1A, 1B, 1C	1A	1A, 1B, 1C	1A, 1B, 1C, 2C
触点负载Contact Load	15A 125VAC 15A 30VDC 10A 250VAC 10A 28VDC TV-5 120VAC	16A 250VAC 10A 24VDC TV-5 125VAC	1A: 17A 250VAC 20A 125VAC 1B: 12A 250VAC 1C: 16A 250VAC(N.O.) 12A 250VAC(N.C.)	10A 120VAC 20A 14VDC
线圈电压Coil Voltage	3-48VDC	3-48VDC	3-48VDC	5-24VDC
线圈功率(W) Coil Operating Power	0.36, 0.45	0.20	0.36	0.36, 0.60, 0.80
接触电阻 Initial Contact Resistance	≤50mΩ	≤50mΩ	≤50mΩ	≤100mΩ
绝缘电阻 (500VDC) Insulation Resistance	≥100MΩ	≥1000MΩ	≥100MΩ	≥100MΩ
寿命 (次) 电气Electrical	10x10 ⁴	10x10 ⁴	10x10 ⁴	10x10 ⁴
Durability 机械Mechanical	1000x10 ⁴	1000x10 ⁴	1000x10 ⁴	1000x10 ⁴
介质耐压 同极触点间 Initial Breakdown Between Open Contacts	1000VAC	1000VAC	1000VAC	500VAC
触点线圈间 Breakdown Between Contacts and Coil	1500VAC	2500VAC	2500VAC	1000VAC
环境温度Ambient Temperature	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C	-40°C~+125°C
接线图(底视图) Wiring Diagram (Bottom View)				
安装孔尺寸图(底视图) Mounting Diagram (Bottom View)				
引出端形式Mounting Type	印制板式PCB Type	印制板式PCB Type	印制板式PCB Type	印制板式PCB Type
重量Unit Weight (g)	约Approx. 12.5g	约Approx. 8.6g	约Approx. 14.0g	约Approx. 6.0g
安规认证Certificates				

注: 规格和尺寸仅供参考, 如需了解更详细信息, 请同业务人员联系。

Note: specifications and dimensions are for reference only. For more details, please contact the business personnel.

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