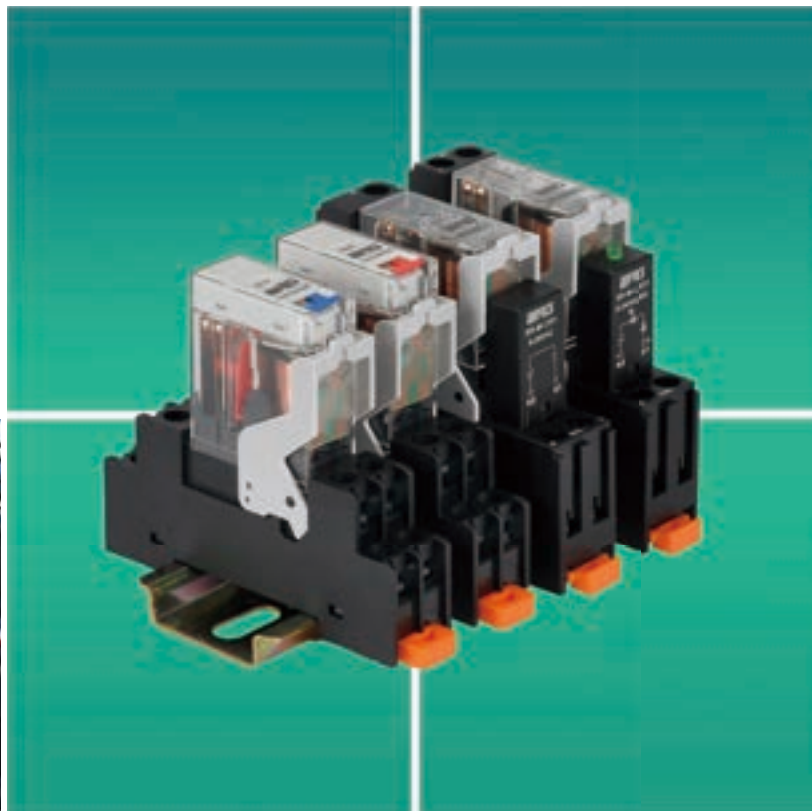


WangRong Group

Interface Relay Solutions



■ About WangRong

Wang Rong Group (WRG), established in 2000 as Shajing Branch of OEG in Shenzhen, has developed its business scope from original precise relays to all kind of industrial components. Its products are certified to UL/cULus, VDE, TUV, CQC and in accordance with RoHS directive.

WRG has established two manufacturing centers in Shenzhen and Huangshan, which are all in accordance with ISO 9001, ISO 14001 and TS 16949. WRG has equipped with advanced Test lab for UL 60947 tests.

WRG strong production capacity guarantees high quality and fast delivery. With more than 20 years of experience in introducing, studying and practicing international advanced materials,

processing and management knowledge, WRG has developed its deep knowledge and expertise in R&D, tooling, injection, stamping, assembling, testing and auto production. WRG strives to provide reliable solutions for its industrial customers. WRG is continuously developing its marketing and sales network. Besides in Mainland, WRG has also established subsidiaries and offices in HongKong, Japan, Italy, USA and Korea. WRG dedicates to provide pre-sales service and after sales service timely and closely.



■ Focus on Quality and Innovation

Quality and innovation is essential to our company. By introducing advanced international technology and management, WRG has built state of art manufacture center and become one of most trusted partner for its customers.

Huangshan Manufacturing Center

Staff: about 500

Area: 80, 000 m²

Production Capacity: 700 M pieces/year

Shenzhen Manufacturing Center

Staff: about 350

Area: 18, 000 m²

Production Capacity: 110 M pieces/year



Huangshan Manufacturing Center



Shenzhen Manufacturing Center



Comprehensive Intermediate Relay Solutions

- RMIE, Narrow version Relay
- RB Protective Relay
- RL Standard Relay
- RLH High Current Relay
- RY Slim Relay
- Sockets
- Accessories

RMIE series

- Transparent housing, easy to observe the status of contacts
- 1 C/O or 2 C/O
- Optional LED indicator
- Free-wheel diode available for DC coil
- RC-circuit circuit available for AC coil
- Test buttons are separated as red AC one and blue DC one



RMIE, 1 CO
without test button



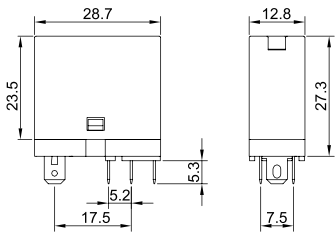
Technical parameters

Input side			
Rated input voltage			12/24/48/110 V DC, 12/24/110/230 V AC
Rated voltage frequency			50/60 Hz (AC)
Rated power			DC: 0.53 W, AC: 1.2 VA
Response voltage			AC: ≤ 80%, DC: ≤ 75%
Release voltage			AC: ≥ 30%, DC: ≥ 10%
Response time / Release time			Less than 20 ms / less than 10 ms (without diode) or 20 ms (with diode)
Output side			
Contact numbers			1 C/O
Contact material			Ag alloy
Rated voltage			250 V AC
Min. switching voltage			5 V DC
Max. switching voltage			250 V AC, 30 V DC
Rated current			12 A
Min. switching current			100 mA/ 5 V DC
Max. inrush current			On request
Contact resistance			≤ 50 mΩ (1 A/6 V DC)
Mechanical service life			1×10 ⁷ times
Electrical Service life	AC 1		1×10 ⁶ times
General Data			
Rated withstand impulse voltage	Coil/Contact		5 kV AC/1 min
	Between contacts		1 kV AC/1 min
Surge voltage			6 kV AC (1.2/50 μs)
Insulation Resistance			1,000 MΩ (500 V DC)
Vibration			Malfunction 10~55 Hz (double amplitude 1.5 mm); Destruction(double amplitude 1.5mm)
Shock			Malfunction 98 m/s ² ; destruction 980 m/s ²
Ambient temperature (Operation)			-40~70℃
Adapted Socket			SRE-1...

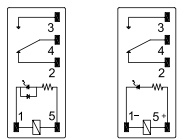
Order Information

Description	Type	Article No.	Pcs/pkg
RMIE Relay, without test button	RMIE-1... (see the table)	See the table	20

Overall dimension



Diagram



AC with LED DC with LED



RMIE, 2 CO
without test button



Technical parameters
12/24/48/110 V DC, 12/24/110/230 V AC 50/60 Hz (AC) DC: 0.53 W, AC: 1.2 VA AC: ≤ 80%, DC: ≤ 75% AC: ≥ 30%, DC: ≥ 10% Less than 20 ms / less than 10 ms (without diode) or 20 ms (with diode)
2 C/O Ag alloy 250 V AC 5 V DC 250 V AC, 30 V DC 8 A 100 mA/ 5 V DC On request ≤ 50 mΩ (1 A/6 V DC) 1x10 ⁷ times 1x10 ⁵ times
5 kV AC/1 min 1 kV AC/1 min (same contact group), 3 kV AC/1 min (different contact group) 6 kV AC (1.2/50 μs) 1,000 MΩ (500 V DC) Malfunction 10~55 Hz (double amplitude 1.5 mm); Destruction(double amplitude 1.5mm) Malfunction 98 m/s ² ; destruction 980 m/s ² -40~70℃ SRE-2...

Order Information		
Type	Article No.	Pcs/pkg
RMIE-2... (see the table)	See the table	20

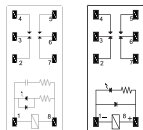
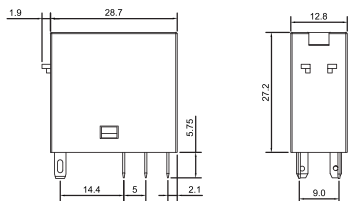


RMIE, 2 CO
with test button

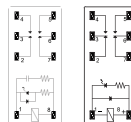
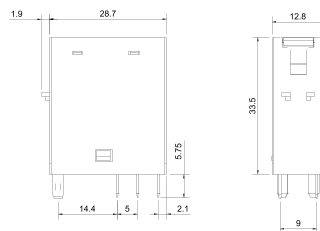


Technical parameters
12/24/48/110 V DC, 12/24/110/230 V AC 50/60 Hz (AC) DC: 0.53 W, AC: 1.2 VA AC: ≤ 80%, DC: ≤ 75% AC: ≥ 30%, DC: ≥ 10% Less than 20 ms / less than 10 ms (without diode) and 20 ms (with diode)
2 C/O Ag alloy 250 V AC 5 V DC 250 V AC, 30 V DC 8 A 100 mA/ 5 V DC On request ≤ 50 mΩ (1 A/6 V DC) 1x10 ⁷ times 1x10 ⁵ times
5 kV AC/1 min 1 kV AC/1 min (same contact group), 3 kV AC/1 min (different contact group) 6 kV AC (1.2/50 μs) 1,000 MΩ (500 V DC) Malfunction 10~55 Hz (double amplitude 1.5 mm); Destruction(double amplitude 1.5mm) Malfunction 98 m/s ² ; destruction 980 m/s ² -40~70℃ SRE-2...

Order Information		
Type	Article No.	Pcs/pkg
RMIE-2...T... (see the table)	See the table	20



AC with RC & LED DC with Diode & LED



AC with RC & LED DC with Diode & LED

RB Protective Relay

- Plastic sealed housing for IP 67 degree
- 1 C/O or 2 C/O
- Low profile for height tight applications
- Protective module on socket is also available



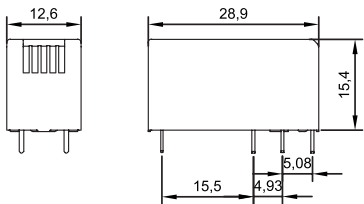
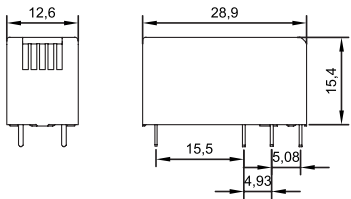
RB, 1 CO



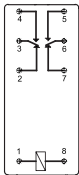
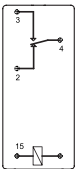
RB, 2 CO

CE 			CE 		
Technical parameters			Technical parameters		
Input side					
Rated input voltage		6/12/24 V DC	6/12/24 V DC		
Rated voltage frequency		-	-		
Rated power		DC: 0.4 W	DC: 0.4 W		
Response voltage / Release voltage		Less than 75% / more than 5% (normal)	Less than 75% / more than 5% (normal)		
Response time / Release time		Less than 20 ms / less than 10 ms	Less than 20 ms / less than 10 ms		
Output side					
Contact numbers		1 C/O	2 C/O		
Contact material		Ag alloy	Ag alloy		
Rated voltage		250 V AC	250 V AC		
Min. switching voltage		5 V DC	5 V DC		
Max. switching voltage		277 V AC, 30 V DC	277 V AC, 30 V DC		
Rated current		16 A	8 A		
Min. switching current		100 mA/ 5 V DC	100 mA/ 5 V DC		
Max. inrush current		On request	On request		
Contact resistance		< 50 mΩ (1 A/6 V DC)	< 50 mΩ (1 A/6 V DC)		
Mechanical service life		1x10 ⁷ times	1x10 ⁷ times		
Electrical Service life		1x10 ⁵ times	1x10 ⁵ times		
General Data					
Rated withstand impulse voltage		Coil/Contact Between contacts	5 kV AC/1 min 1 kV AC/1 min		
Surge voltage			8 kV AC (1.2/50 μs)		
Insulation Resistance			1,000 MΩ (500 V DC)		
Vibration			Malfunction 10~55 Hz (double amplitude 1.5 mm); Destruction(double amplitude 1.5mm)		
Shock			Malfunction 98 m/s ² ; destruction 980 m/s ²		
Ambient temperature (Operation)			-40~85℃		
Adapted Socket			SRB-1...		
Order Information			Order Information		
Description	Rated input voltage	Type	Article No.	Pcs/pkg	Type
RB Protective Relay	6 V DC	RB-106D3	10110016	20	RB-206D6
	12 V DC	RB-112D3	10110017	20	RB-212D6
	24 V DC	RB-124D3	10110018	20	RB-224D6
					10210028
					10210029
					10210030

Overall dimension



Diagram



RL Standard Relay

- Transparent housing, easy to observe the status of contacts
- 2 C/O or 4 C/O
- With red mechanical indicator



RL, 2 CO



RL, 4 CO



Technical parameters	
Input side	
Rated input voltage	12/24/48/110 V DC, 12/24/48/110/230 V AC
Rated voltage frequency	50/60 Hz (AC)
Rated power	DC: 0.9 W, AC: 1.2 ~ 1.5 VA
Response voltage	AC: ≤ 80%, DC: ≤ 75%
Release voltage	AC: ≥ 30%, DC: ≥ 10%
Response time / Release time	Less than 20 ms / less than 25 ms
Output side	
Contact numbers	2 C/O
Contact material	Ag alloy
Rated voltage	250 V AC
Min. switching voltage	5 V DC
Max. switching voltage	250 V AC, 30 V DC
Rated current	7 A
Min. switching current	100 mA/ 5 V DC
Max. inrush current	On request
Contact resistance	< 100 mΩ (1 A/6 V DC)
Mechanical service life	1x10 ⁷ times
Electrical Service life	1x10 ⁵ times
General Data	
Rated withstand impulse voltage	Coil/Contact 1.5 kV AC/1 min Between contacts 1 kV AC/1 min (disconnected contacts), 1.5 kV AC/1 min (different contact group)
Surge voltage	4 kV AC (1.2/50 μs)
Insulation Resistance	1,000 MΩ (500 V DC)
Vibration	Malfunction 10~55 Hz (double amplitude 1.5 mm); Destruction(double amplitude 1.5mm)
Shock	Malfunction 98 m/s ² ; destruction 980 m/s ²
Ambient temperature (Operation)	-40~55℃
Adapted Socket	SRL-2...



Technical parameters	
Input side	
Rated input voltage	12/24/48/110 V DC, 12/24/48/110/230 V AC
Rated voltage frequency	50/60 Hz (AC)
Rated power	DC: 0.9 W, AC: 1.2 ~ 1.5 VA
Response voltage	AC: ≤ 80%, DC: ≤ 75%
Release voltage	AC: ≥ 30%, DC: ≥ 10%
Response time / Release time	Less than 20 ms / less than 25 ms
Output side	
Contact numbers	4 C/O
Contact material	Ag alloy
Rated voltage	250 V AC
Min. switching voltage	5 V DC
Max. switching voltage	250 V AC, 30 V DC
Rated current	5 A
Min. switching current	100 mA/ 5 V DC
Max. inrush current	On request
Contact resistance	< 100 mΩ (1 A/6 V DC)
Mechanical service life	1x10 ⁷ times
Electrical Service life	1x10 ⁵ times
General Data	
Rated withstand impulse voltage	1.5 kV AC/1 min 1 kV AC/1 min (disconnected contacts), 1.5 kV AC/1 min (different contact group)
Surge voltage	4 kV AC (1.2/50 μs)
Insulation Resistance	1,000 MΩ (500 V DC)
Vibration	Malfunction 10~55 Hz (double amplitude 1.5 mm); Destruction(double amplitude 1.5mm)
Shock	Malfunction 98 m/s ² ; destruction 980 m/s ²
Ambient temperature (Operation)	-40~55℃
Adapted Socket	SRL-4...

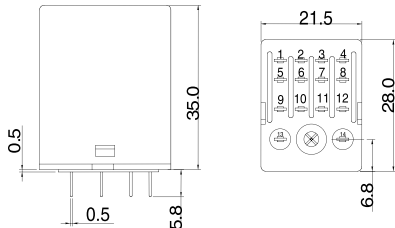
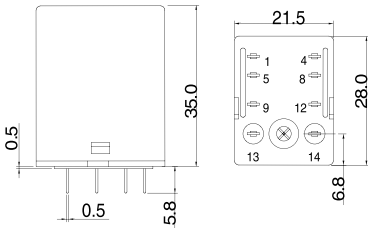
Order Information

Description	Rated input voltage	Type	Article No.	Pcs/pkg
RL Standard Relay, DC input voltage	12 V DC	RL-212DL	10210031	20
	24 V DC	RL-224DL	10210032	20
	48 V DC	RL-248DL	10210033	20
	110 V DC	RL-2110DL	10210034	20
RL Standard Relay, AC input voltage	12 V AC	RL-212AL	10220032	20
	24 V AC	RL-224AL	10220033	20
	48 V AC	RL-248AL	10220034	20
	110 V AC	RL-2110AL	10220035	20
	230 V AC	RL-2230AL	10220036	20

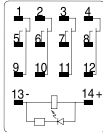
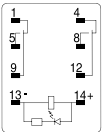
Order Information

Type	Article No.	Pcs/pkg
RL-412DL	10410000	20
RL-424DL	10410001	20
RL-448DL	10410002	20
RL-4110DL	10410003	20
RL-412AL	10420000	20
RL-424AL	10420001	20
RL-448AL	10420002	20
RL-4110AL	10420003	20
RL-4230AL	10420004	20

Overall dimension



Diagram



RLH High Current Relay

- 2 C/O,10 A (up to 12 A)
- Transparent housing, easy to observe the status of contacts
- Wide pin design for high current
- More variants on request



RLH, 2 CO



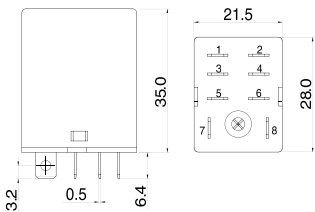
Technical parameters

Input side		
Rated input voltage		12/24/48/110 V DC, 12/24/48/110/230 V AC
Rated voltage frequency		50/60 Hz (AC)
Rated power		DC: 0.9 W, AC: 1.0 ~ 1.5 VA
Response voltage		AC: ≤ 80%, DC: ≤ 75%
Release voltage		AC: ≥ 30%, DC: ≥ 10%
Response time / Release time		Less than 20 ms / less than 25 ms
Output side		
Contact numbers		2 C/O
Contact material		Ag alloy
Rated voltage		250 V AC
Min. switching voltage		5 V DC
Max. switching voltage		250 V AC, 30 V DC
Rated current		10 A
Min. switching current		100 mA/ 5 V DC
Max. inrush current		On request
Contact resistance		< 100 mΩ (1 A/6 V DC)
Mechanical service life		1×10 ⁷ times
Electrical Service life	AC 1	1×10 ⁵ times
General Data		
Rated withstand impulse voltage	Coil/Contact Between contacts	1.5 kV AC/1 min 1 kV AC/1 min (disconnected contacts), 1.5 kV AC/1 min (different contact group)
Surge voltage		4 kV AC (1.2/50 μs)
Insulation Resistance		1,000 MΩ (500 V DC)
Vibration		Malfunction 10~55 Hz (double amplitude 1.5 mm); Destruction(double amplitude 1.5mm)
Shock		Malfunction 98 m/s ² ; destruction 980 m/s ²
Ambient temperature (Operation)		-40~55℃
Adapted Socket		SRH-2...

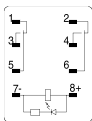
Order Information

Description	Rated input voltage	Type	Article No.	Pcs/pkg
RLH High Current Relay, DC input voltage	12 V DC	RLH-212DL	10210036	20
	24 V DC	RLH-224DL	10210037	20
	48 V DC	RLH-248DL	10210038	20
	110 V DC	RLH-2110DL	10210039	20
RLH High Current Relay, AC input voltage	12 V AC	RLH-212AL	10220037	20
	24 V AC	RLH-224AL	10220038	20
	48 V AC	RLH-248AL	10220039	20
	110 V AC	RLH-2110AL	10220040	20
	230 V AC	RLH-2230AL	10220041	20

Overall dimension



Diagram



RY 6mm Slim Relay

- 1 C/O, 6 A
- Plastic sealed housing for IP 67 degree
- Space saving with a design width of 6 mm
- Build-in LED and protective circuit on socket



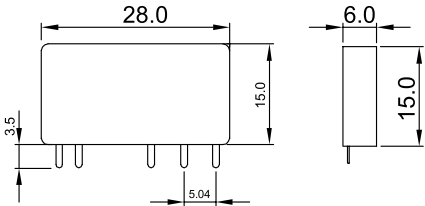
RY, 1 CO

CE

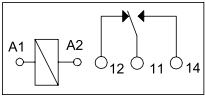
Technical parameters			
Input side			
Rated input voltage		12/24/48/60 DC	
Rated voltage frequency		50/60 Hz (AC)	
Rated power		0.217 W (48 V DC)	
Response voltage / Release voltage		≤ 70% / ≥ 5% (normal)	
Response time / Release time		Less than 8 ms / less than 4 ms	
Output side			
Contact numbers		1 C/O	
Contact material		Ag alloy	
Rated voltage		250 V AC	
Min. switching voltage		5 V DC	
Max. switching voltage		250 V AC, 30 V DC	
Rated current		6 A	
Min. switching current		100 mA/ 5 V DC	
Max. inrush current		On request	
Contact resistance		< 50 mΩ (1 A/6 V DC)	
Mechanical service life		1x10 ⁷ times	
Electrical Service life		1x10 ⁵ times	
General Data			
Rated withstand impulse voltage	Coil/Contact	4 kV AC/1 min	
	Between contacts	1 kV AC/1 min	
Surge voltage		6 kV AC (1.2/50 μs)	
Insulation Resistance		1,000 MΩ (500 V DC)	
Vibration		Malfunction 10~55 Hz (double amplitude 1.5 mm); Destruction(double amplitude 1.5mm)	
Shock		Malfunction 98 m/s ² ; destruction 980 m/s ²	
Ambient temperature (Operation)		-40~85℃	
Adapted Socket		SRY-1...	

Order Information				
Description	Rated input voltage	Type	Article No.	Pcs/pkg
RY Slim Relay, DC input voltage	12 V DC	RY-112D	10110019	20
	24 V DC	RY-124D	10110020	20
	48 V DC	RY-148D	10110021	20
	60 V DC	RY-160D	10110022	20

Overall dimension



Diagram



SRE Socket

- For RMIE 1 CO



SRE-1E



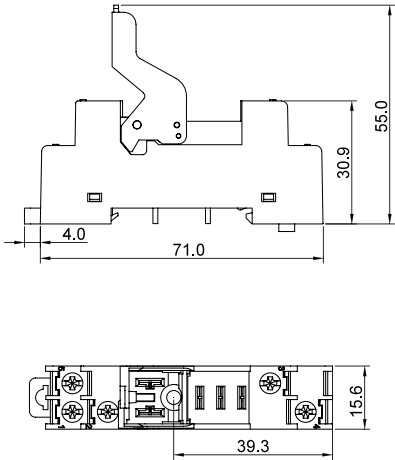
Raged load current / voltage
Isolation voltage
Tighting torque
Wire connection
Ambient temperature (Operation)
Weight

16 A/300 V
4 kV/S (Contact/Coil)
2.5 kV/S (between contacts)
1.0 Nm
20-14/0.5-2.5 AWG/mm²
-40 °C ~+85 °C
34 g

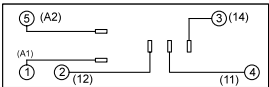
Description
Hybrid socket, 1 C/O, for RMIE
Separate socket, 1 C/O, for RMIE
PCB socket, 1 C/O, for RMIE

Order Information			
Type	Article No.	Pcs/pkg	
SRE-1E	10000000	10	

Overall dimension



Diagram





SRE-1S



SRE-1P

CE

Technical parameters

16 A/300 V
4 kV/S (Contact/Coil)
2.5 kV/S (between contacts)
1.0 Nm
20-14/0.5-2.5 AWG/mm²
-40 °C ~+85 °C
34 g

Order Information

Type	Article No.	Pcs/pkg
SRE-1S	10000002	10

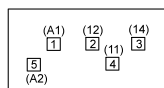
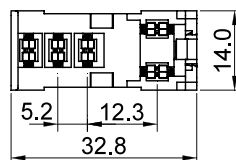
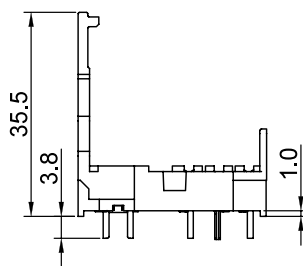
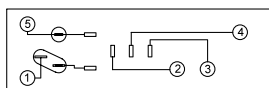
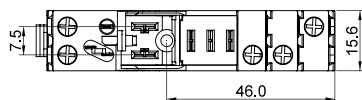
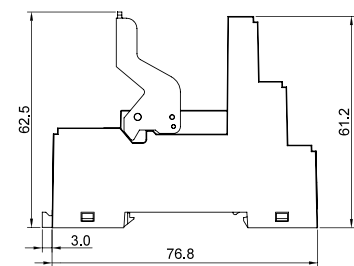
CE

Technical parameters

16 A/300 V
4 kV/S (Contact/Coil)
2.5 kV/S (between contacts)
-
-
-40 °C ~+85 °C
4.2 g

Order Information

Type	Article No.	Pcs/pkg
SRE-1P	10000004	10



SRE Socket

- For RMIE 2 CO



SRE-2E



Raged load current / voltage
Isolation voltage

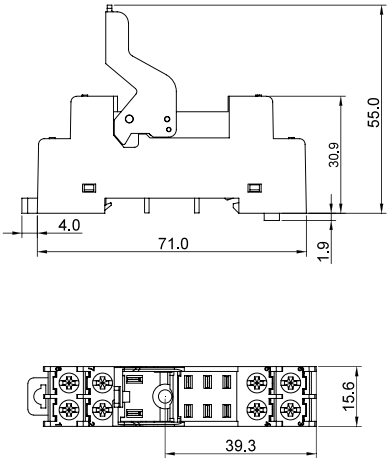
Tighting torque
Wire connection
Ambient temperature (Operation)
Weight

10 A/300 V
4 kV/S (Contact/Coil)
2.5 kV/S (between contacts)
1.0 Nm
20-14/0.5-2.5 AWG/mm²
-40 °C ~+85 °C
34 g

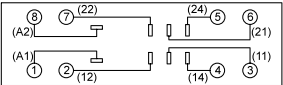
Description
Hybrid socket, 2 C/O, for RMIE
Separate socket, 2 C/O, for RMIE
PCB socket, 2 C/O, for RMIE

Order Information			
Type	Article No.	Pcs/pkg	
SRE-2E	10000001	10	

Overall dimension



Diagram





SRE-2S



SRE-2P

CE

Technical parameters

10 A/300 V
4 kV/S (Contact/Coil)
2.5 kV/S (between contacts)
1.0 Nm
20-14/0.5-2.5 AWG/mm²
-40 °C ~+85 °C
38 g

Order Information

Type	Article No.	Pcs/pkg
SRE-2S	10000003	10

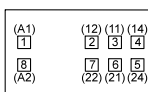
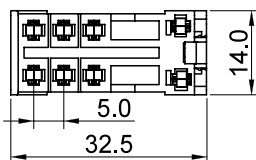
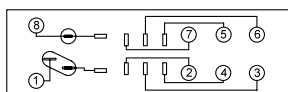
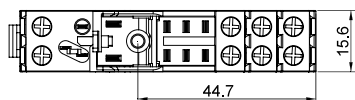
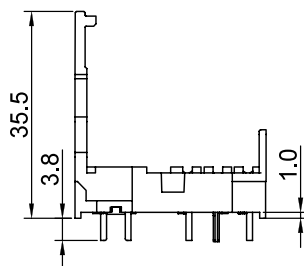
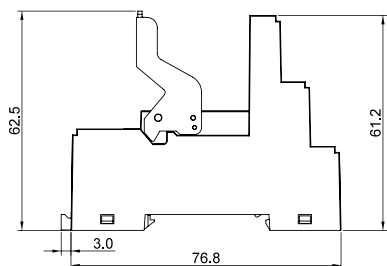
CE

Technical parameters

10 A/300 V
4 kV/S (Contact/Coil)
2.5 kV/S (between contacts)
-
-
-40 °C ~+85 °C
4.5 g

Order Information

Type	Article No.	Pcs/pkg
SRE-2P	10000005	10



SRB Socket

- For RB Relay



SRB-1M



Raged load current / voltage
Isolation voltage
Tighting torque
Wire connection
Ambient temperature (Operation)
Weight

16 A/250 V
4 kV/S (Contact/Coil)
2.5 kV/S (between contacts)
1.0 Nm
20-14/0.5-2.5 AWG/mm²
-40 °C ~+85 °C
33 g

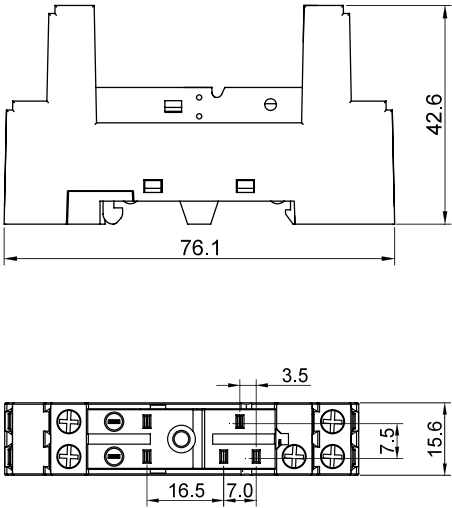
Order Information

Description
Hybrid socket, can connect protective module, 1 C/O, for RB
Separate socket, can connect protective module, 1 C/O, for RB
Hybrid socket, can connect protective module, 2 C/O, for RB
Separate socket, can connect protective module, 2 C/O, for RB

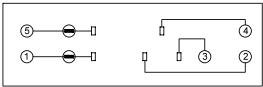
Type	Article No.	Pcs/pkg
SRB-1M	10000006	10

*PCB Sockets are on request.

Overall dimension



Diagram





SRB-1S



SRB-2M



SRB-2S

CE

Technical parameters
16 A/250 V
4 kV/S (Contact/Coil)
2.5 kV/S (between contacts)
1.0 Nm
20-14/0.5-2.5 AWG/mm ²
-40 °C ~+85 °C
34 g

Order Information		
Type	Article No.	Pcs/pkg
SRB-1S	10000008	10

CE

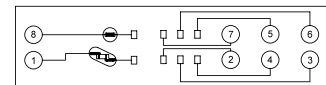
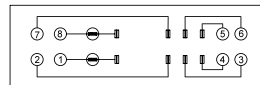
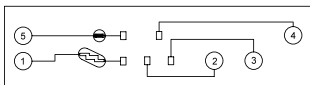
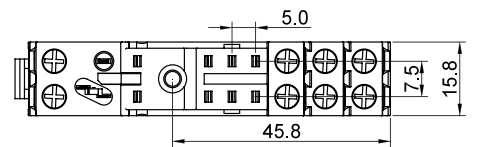
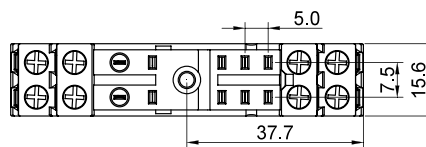
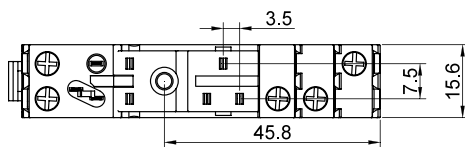
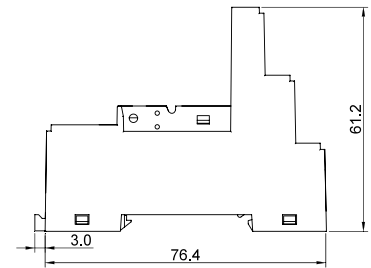
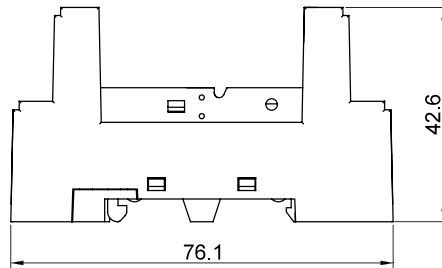
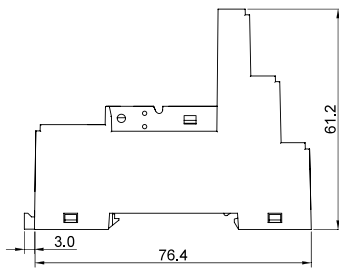
Technical parameters
10 A/250 V
4 kV/S (Contact/Coil)
2.5 kV/S (between contacts)
1.0 Nm
20-14/0.5-2.5 AWG/mm ²
-40 °C ~+85 °C
37 g

Order Information		
Type	Article No.	Pcs/pkg
SRB-2M	10000007	10

CE

Technical parameters
10 A/250 V
4 kV/S (Contact/Coil)
2.5 kV/S (between contacts)
1.0 Nm
20-14/0.5-2.5 AWG/mm ²
-40 °C ~+85 °C
38 g

Order Information		
Type	Article No.	Pcs/pkg
SRB-2S	10000009	10



SRL Socket

- For RL Relay



SRL-2E



Raged load current / voltage
Isolation voltage
Tighting torque
Wire connection
Ambient temperature (Operation)
Weight

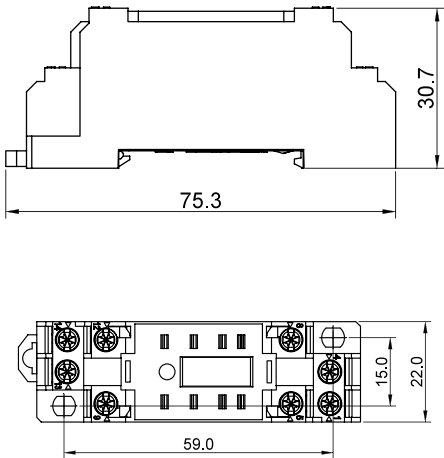
Technical parameters
10 A/250 V
4 kV/S (Contact/Coil)
2.5 kV/S (between contacts)
1.0 Nm
20-14/0.5-2.5 AWG/mm²
-40 °C ~+85 °C
37 g

Description
Hybrid socket, cannot connect protective module, 2 C/O, for RL
Hybrid socket, can connect protective module, 2 C/O, for RL
Hybrid socket, cannot connect protective module, 4 C/O, for RL
Hybrid socket, can connect protective module, 4 C/O, for RL

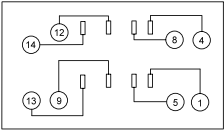
Order Information			
Type	Article No.	Pcs/pkg	
SRL-2E	10000012	10	

*PCB Sockets are on request.

Overall dimension



Diagram





SRL-2M



SRL-4E



SRL-4M

CE

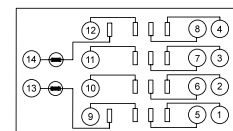
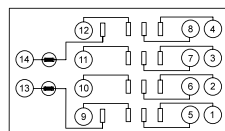
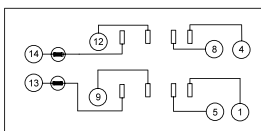
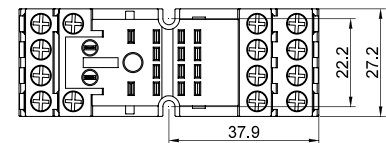
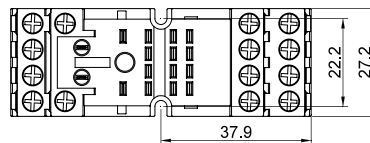
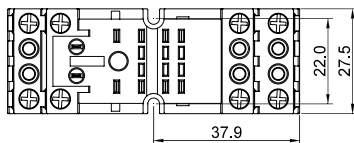
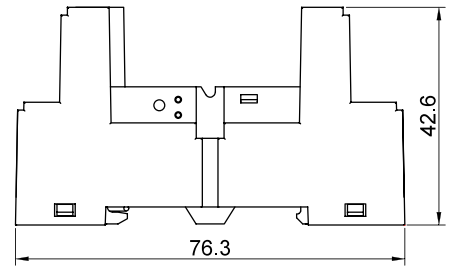
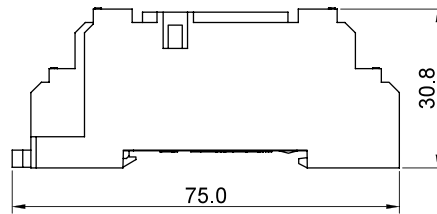
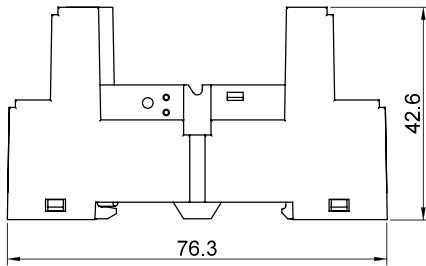
Technical parameters		
12 A/250 V 4 kV/S (Contact/Coil) 2.5 kV/S (between contacts) 1.0 Nm 20-14/0.5-2.5 AWG/mm ² -40 °C ~+85 °C 50 g		
Order Information		
Type	Article No.	Pcs/pkg
SRL-2M	10000014	10

CE

Technical parameters		
10 A/250 V 4 kV/S (Contact/Coil) 2.5 kV/S (between contacts) 1.0 Nm 20-14/0.5-2.5 AWG/mm ² -40 °C ~+85 °C 86 g		
Order Information		
Type	Article No.	Pcs/pkg
SRL-4E	10000013	10

CE

Technical parameters		
10 A/250 V 4 kV/S (Contact/Coil) 2.5 kV/S (between contacts) 1.0 Nm 20-14/0.5-2.5 AWG/mm ² -40 °C ~+85 °C 56 g		
Order Information		
Type	Article No.	Pcs/pkg
SRL-4M	10000015	10



- SRL Socket
- For RL Relay
- SRH Socket
- For RLH Relay
- SRY Socket
- For RY Relay



SRL-2S



Raged load current / voltage
 Isolation voltage

 Tighting torque
 Wire connection
 Ambient temperature (Operation)
 Weight

12 A/250 V
 4 kV/S (Contact/Coil)
 2.5 kV/S (between contacts)
 1.0 Nm
 20-14/0.5-2.5 AWG/mm²
 -40 °C ~+85 °C
 50 g

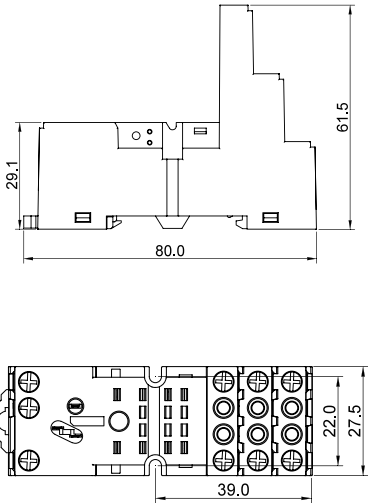
Order Information

Description
Separate socket, can connect protective module, 2 C/O, for RL
Separate socket, can connect protective module, 4 C/O, for RL
Hybrid socket, cannot connect protective module, 2 C/O, for RLH
Hybrid socket, cannot connect protective module, 1 C/O,
12 V AC/DC, for RY-112D
24 V AC/DC, for RY-124D
48 V AC/DC, for RY-148D
110 V AC/DC, for RY-160D
230 V AC/DC, for RY-160D

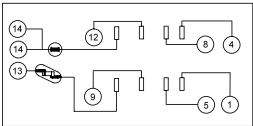
Type	Article No.	Pcs/pkg
SRL-2S	10000016	10

*PCB Sockets are on request.

Overall dimension



Diagram





SRL-4S



SRH-2E



SRY-1*ADE

CE

Technical parameters

10 A/250 V
4 kV/S (Contact/Coil)
2.5 kV/S (between contacts)
1.0 Nm
20-14/0.5-2.5 AWG/mm²
-40 °C ~+85 °C
62 g

Order Information

Type	Article No.	Pcs/pkg
SRL-4S	10000017	10

CE

Technical parameters

16 A/250 V
4 kV/S (Contact/Coil)
2.5 kV/S (between contacts)
1.0 Nm
20-14/0.5-2.5 AWG/mm²
-40 °C ~+85 °C
52 g

Order Information

Type	Article No.	Pcs/pkg
SRH-2E	10000020	10

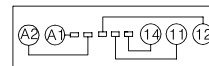
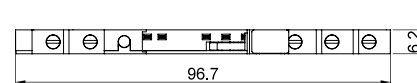
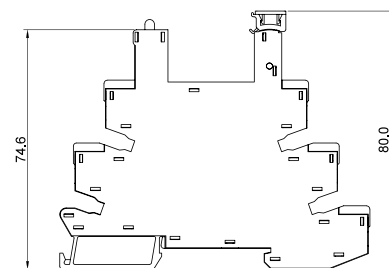
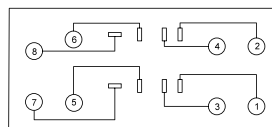
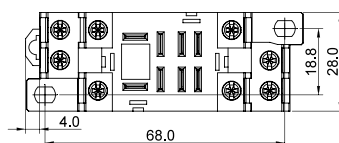
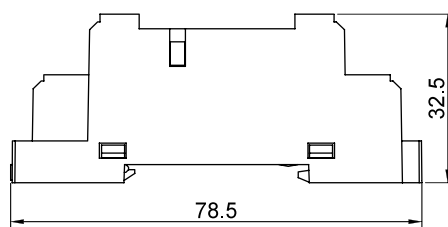
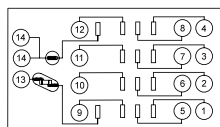
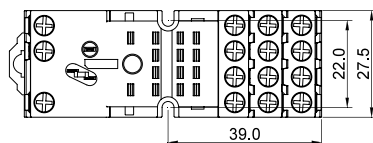
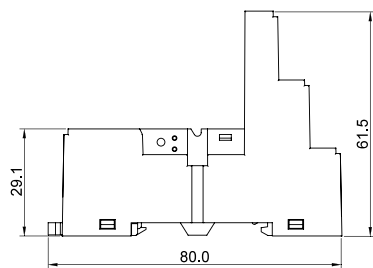
CE

Technical parameters

8 A/250 V
4 kV/S (Contact/Coil)
2.5 kV/S (between contacts)
1.0 Nm
20-16/0.5-1.5 AWG/mm²
-40 °C ~+85 °C
24 g

Order Information

Type	Article No.	Pcs/pkg
SRY-112ADE	10000022	10
SRY-124ADE	10000023	10
SRY-148ADE	10000024	10
SRY-1110ADE	10000025	10
SRY-1230ADE	10000026	10



Overview of RMIE narrow version relay

RMIE, without test button

	Output contact	LED	Rated input voltage	Type	Article No.
Input side, without protective circuit	1 CO	No	12 V DC	RMIE-112D	10110000
		No	24 V DC	RMIE-124D	10110001
		No	48 V DC	RMIE-148D	10110002
		No	110 V DC	RMIE-1110D	10110003
		No	12 V AC	RMIE-112A	10120000
		No	24 V AC	RMIE-124A	10120001
		No	110 V AC	RMIE-1110A	10120002
		No	230 V AC	RMIE-1230A	10120003
		Yes	12 V DC	RMIE-112DL	10110004
		Yes	24 V DC	RMIE-124DL	10110005
		Yes	48 V DC	RMIE-148DL	10110006
		Yes	110 V DC	RMIE-1110DL	10110007
		Yes	12 V AC	RMIE-112AL	10120004
		Yes	24 V AC	RMIE-124AL	10120005
		Yes	110 V AC	RMIE-1110AL	10120006
		Yes	230 V AC	RMIE-1230AL	10120007
	2 CO	No	12 V DC	RMIE-212D	10210000
		No	24 V DC	RMIE-224D	10210001
		No	48 V DC	RMIE-248D	10210002
		No	110 V DC	RMIE-2110D	10210003
		No	12 V AC	RMIE-212A	10220000
		No	24 V AC	RMIE-224A	10220001
		No	110 V AC	RMIE-2110A	10220002
		No	230 V AC	RMIE-2230A	10220003
		Yes	12 V DC	RMIE-212DL	10210041
		Yes	24 V DC	RMIE-224DL	10210042
		Yes	48 V DC	RMIE-248DL	10210043
		Yes	110 V DC	RMIE-2110DL	10210044
Input side, with flywheel diode	1 CO	No	12 V DC	RMIE-112DD	10110008
		No	24 V DC	RMIE-124DD	10110009
		No	48 V DC	RMIE-148DD	10110010
		No	110 V DC	RMIE-1110DD	10110011
		Yes	12 V DC	RMIE-112DLD	10110012
		Yes	24 V DC	RMIE-124DLD	10110013
		Yes	48 V DC	RMIE-148DLD	10110014
		Yes	110 V DC	RMIE-1110DLD	10110015
	2 CO	No	12 V DC	RMIE-212DD	10210004
		No	24 V DC	RMIE-224DD	10210005
		No	48 V DC	RMIE-248DD	10210006
		No	110 V DC	RMIE-2110DD	10210007
		Yes	12 V DC	RMIE-212DLD	10210008
		Yes	24 V DC	RMIE-224DLD	10210009
		Yes	48 V DC	RMIE-248DLD	10210010
		Yes	110 V DC	RMIE-2110DLD	10210011
Input side, with flywheel diode	1 CO	No	12 V AC	RMIE-112ARC	10120008
		No	24 V AC	RMIE-124ARC	10120009
		No	110 V AC	RMIE-1110ARC	10120010
		No	230 V AC	RMIE-1230ARC	10120011
		Yes	12 V AC	RMIE-112ALRC	10110012
		Yes	24 V AC	RMIE-124ALRC	10120013
		Yes	110 V AC	RMIE-1110ALRC	10120014
		Yes	230 V AC	RMIE-1230ALRC	10120015
	2 CO	No	12 V AC	RMIE-212ARC	10220008
		No	24 V AC	RMIE-224ARC	10220009
		No	110 V AC	RMIE-2110ARC	10220010
		No	230 V AC	RMIE-2230ARC	10220011
		Yes	12 V AC	RMIE-212ALRC	10220012
		Yes	24 V AC	RMIE-224ALRC	10220013
		Yes	110 V AC	RMIE-2110ALRC	10220014
		Yes	230 V AC	RMIE-2230ALRC	10220015

RMIE, with test button

	Output contact	LED	Rated input voltage	Type	Article No.
Input side, without protective circuit	2 CO	No	12 V DC	RMIE-212DT	10210012
		No	24 V DC	RMIE-224DT	10210013
		No	48 V DC	RMIE-248DT	10210014
		No	110 V DC	RMIE-2110DT	10210015
		No	12 V AC	RMIE-212AT	10220016
		No	24 V AC	RMIE-224AT	10220017
		No	110 V AC	RMIE-2110AT	10220018
		No	230 V AC	RMIE-2230AT	10220019
		Yes	12 V DC	RMIE-212DTL	10210016
		Yes	24 V DC	RMIE-224DTL	10210017
		Yes	48 V DC	RMIE-248DTL	10210018
		Yes	110 V DC	RMIE-2110DTL	10210019
		Yes	12 V AC	RMIE-212ATL	10220020
		Yes	24 V AC	RMIE-224ATL	10220021
		Yes	110 V AC	RMIE-2110ATL	10220022
		Yes	230 V AC	RMIE-2230ATL	10220023
Input side, with flywheel diode	2 CO	No	12 V DC	RMIE-212DTD	10210020
		No	24 V DC	RMIE-224DTD	10210021
		No	48 V DC	RMIE-248DTD	10210022
		No	110 V DC	RMIE-2110DTD	10210023
		Yes	12 V DC	RMIE-212DTLD	10210024
		Yes	24 V DC	RMIE-224DTLD	10210025
		Yes	48 V DC	RMIE-248DTLD	10210026
		Yes	110 V DC	RMIE-2110DTLD	10210027
Input side, with RC	2 CO	No	12 V AC	RMIE-212ATRC	10220024
		No	24 V AC	RMIE-224ATRC	10220025
		No	110 V AC	RMIE-2110ATRC	10220026
		No	230 V AC	RMIE-2230ATRC	10220027
		Yes	12 V AC	RMIE-212ATLRC	10220028
		Yes	24 V AC	RMIE-224ATLRC	10220029
		Yes	110 V AC	RMIE-2110ATLRC	10220030
		Yes	230 V AC	RMIE-2230ATLRC	10220031

Designation of Relay

RMIE/RL/RLH/R

Description	Contact(s)	Coil voltage	AC/DC	Test Button	Build-in protective circuit	Custom code
RMIE	2	24	D	T	L	XXX
RMIE = Narrow version relay RL = Standard relay RLH = High Current relay RY = Slim relay	1: 1 C/O 2: 2 C/O 3: 3 C/O 4: 4 C/O	06: 06 V 12: 12 V 24: 24 V 48: 48 V 60: 60 V 110: 110 V 220: 220 V 230: 230 V	D: DC A: AC	Null: Standard T: Test button	Null: Standard L: LED D: Diode RC: RC LD: LED + diode LRC: LED + RC	Special type or custom code, consisting of 3 numbers or 3 letters or combination

RB

Description	Contact(s)	Coil voltage	AC/DC	Special code	Custom code
RB	2	24	D	3	XXX
RB = Protective relay	1: 1 C/O 2: 2 C/O	6 : 6 V 12 : 12 V 24 : 24 V	D: DC	3: Special for RB 1C 6: Special for RB 2C	Special type or custom code, consisting of 3 numbers or 3 letters or combination

Relay accessories

Protective Module



Description	SR-M-LRD1	SR-M-LRD2	SR-M-RC1	SR-M-RC2	SR-M-D
Component	LED+R+D	LED+R+D	R+C	R+C	D
Voltage range	6-24 V AC/DC	110-240 V AC/DC	6-24 V AC	110-240 V AC	6-240 V DC
Socket(s) available	for different socket*	for different socket*	for different socket*	for different socket*	for different socket*
Article No.	10000027	10000028	10000029	10000030	10000031
Pcs/pkg	10	10	10	10	10

*Sockets available:

SRE-1S, SRE-2S, SRL-2M, SRL-4M, SRL-2S, SRL-4S, SRB-1M, SRB-2M, SRB-1S, SRB-2S

Holder



Description	SR-C-M1	SR-C-M2	SR-C-P1
Material	Spring leg	Steel wire	Plastic
Socket(s) available	SRL-2E, SRL-4E, SRH-2E	SRL-2M, SRL-4M, SRL-2S, SRL-4S	SRL-2M, SRL-4M, SRL-2S, SRL-4S
Article No.	10000032	10000033	10000034
Pcs/pkg	20 (10 pairs)	10	10

Marking and Bridge



Description	Marking SR-B-1	Marking SR-B-2	Marking SR-B-3	Bridge SR-Q-1
Material	Plastic	Plastic	Plastic	Metal injection
Socket(s) available	SRE-1S, SRE-2S, SRB-1S, SRB-2S	SRL-2M, SRL-4M, SRL-2S, SRL-4S	SRY-1*ADE (*for voltage)	SRY-1*ADE (*for voltage)
Article No.	10000035	10000036	10000037	10000038
Pcs/pkg	10	10	10	10 strips

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