

Relay modules with 1 CO RM 1

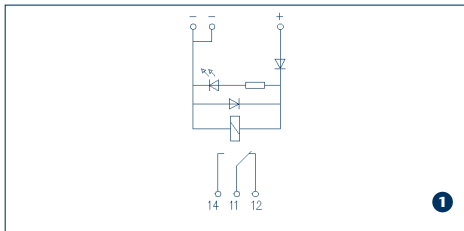
- Mounts on TS 32/TS 35
- Screw connection
- Input side: free-wheel and reverse-polarity protection diode
- LED for indicating the switching status
- Relay module available as plug-in or soldered construction

RM 1/1 W Pluggable relay 1 CO

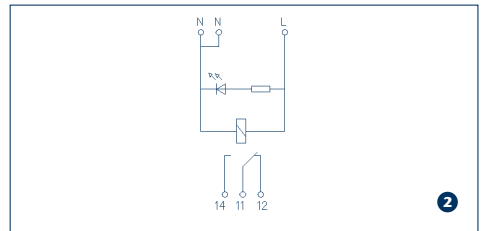
RMD 1/1 W Soldered relay 1 CO



Circuit diagram



Circuit diagram



Size (L x W x H) with TS 35 x 7.5	87 x 20 x 72 mm		
Weight	57 g		
Cat. no./Qty.	Type	Circuit diagram	
Pluggable relay			
6584.2/1	RM 1/1 W/12 V DC	1	
5450.2/1	RM 1/1 W/24 V DC	1	
5602.2/1	RM 1/1 W/115 V DC	1	
5598.2/1	RM 1/1 W/24 V AC	2	
5460.2/1	RM 1/1 W/115 V AC	2	
5462.2/1	RM 1/1 W/230 V AC	2	
Soldered relay			
6585.2/1	RMD 1/1 W/12 V DC	1	
5451.2/1	RMD 1/1 W/24 V DC	1	
5603.2/1	RMD 1/1 W/115 V DC	1	
5599.2/1	RMD 1/1 W/24 V AC	2	
5461.2/1	RMD 1/1 W/115 V AC	2	
5463.2/1	RMD 1/1 W/230 V AC	2	
Relay			
Relay	pluggable/soldered		
Contacts	1 CO		
Design	Closed		

General information	
DIN VDE specifications	DIN EN 50178; DIN VDE 0110, Contamination degree 2, Overvoltage category III
Test voltage coil/contact	4 kV
Pinning	5mm
Operating temperature	-20 to +50°C
Stripping length	7mm
Connection cross-section	0.2 – 2.5 mm ² /AWG 22 – 14

Relay data				
Input data				
Input voltage ±10%	12 V DC	24 V DC	115 V DC	24 V AC
Power consumption ±10%	0.6 W	0.6 W	0.6 W	1.0 VA
Status indication per relay (LED)	Red	Red	Red	Red
Output data				
Contacts	1/2 CO contact	1/2 CO contact	1/2 CO contact	1/2 CO contact
Max. switching voltage	250 V AC	250 V AC	250 V AC	250 V AC
Max. continuous current/inrush current	6 A/10 A*	6 A/10 A*	6 A/10 A*	6 A/10 A*
Max. power rating (ohmic load)	2000 VA at 250 VAC, 8 A	2000 VA at 250 VAC, 8 A	2000 VA at 250 VAC, 8 A	2000 VA at 250 VAC, 8 A
Typical response time/release time	9 ms/7 ms	9 ms/7 ms	9 ms/7 ms	15 ms/10 ms
Contact material	AgNi	AgNi	AgNi	AgNi
Electrical lifespan at max. contact load	> 5 x 10 ⁵	> 5 x 10 ⁵	> 5 x 10 ⁵	> 5 x 10 ⁵
Mechanical lifespan	> 2 x 10 ⁷	> 2 x 10 ⁷	> 2 x 10 ⁷	> 2 x 10 ⁷
*2 CO relays 6 A/10 A, 1 CO relay 8 A/10A				

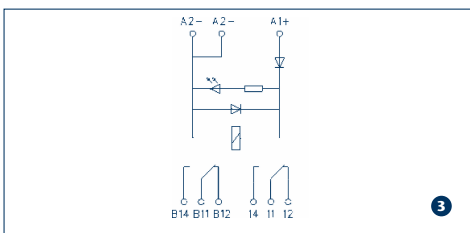
Relay modules 2 CO RM 1/2

RM 1/2 W
Pluggable relay
2 CO

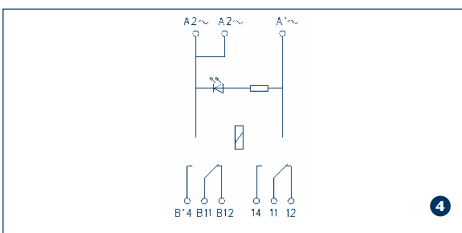
RMD 1/2 W
Soldered relay
2 CO



Circuit diagram



Circuit diagram



Size (L x W x H) with TS 35 x 7.5	87 x 26 x 76 mm		
Weight	60 g		
Cat. no./Qty.	Type		Circuit diagram
Pluggable relay			
6586.2/1	RM 1/2 W / 12 V DC		3
5550.2/1	RM 1/2 W / 24 V DC		3
5652.2/1	RM 1/2 W / 115 V DC		3
5648.2/1	RM 1/2 W / 24 V AC		4
5562.2/1	RM 1/2 W / 115 V AC		4
5564.2/1	RM 1/2 W / 230 V AC		4
Soldered relay			
6587.2/1	RMD 1/2 W / 12 V DC		3
5551.2/1	RMD 1/2 W / 24 V DC		3
5653.2/1	RMD 1/2 W / 115 V DC		3
5649.2/1	RMD 1/2 W / 24 V AC		4
5563.2/1	RMD 1/2 W / 115 V AC		4
5565.2/1	RMD 1/2 W / 230 V AC		4
Relay with gold contacts			
6229.2/1	RMD 1 Au/2 W 24 V DC		3
Relay			
Relay	pluggable/soldered		
Contacts	2 CO		
Design	Closed		

DIN EN 50178; DIN VDE 0110, Contamination degree 2, Overvoltage category III

4 kV
5mm
-20 to +50°C
7mm
0.2 – 2.5 mm²/AWG 22 – 14

115 V AC	230 VAC	24 V DC (RMD 1 Au)
1.0 VA	1.0 VA	0.4 W
Red	Red	Red
1/2 CO contact	1/2 CO contact	1/2 CO contact
250 V AC	250 V AC	250 V AC
6 A/10 A*	6 A/10 A*	1 A / 1 A
2000 VA at 250 VAC, 8 A	2000 VA at 250 VAC, 8 A	125 VA/30 W
15ms/8ms	15 ms/10 ms	6 ms/5 ms
AgNi	AgNi	AgPd 60/10+10µm Au
> 5 x 10 ⁵	> 5 x 10 ⁵	> 5 x 10 ⁵
> 2 x 10 ⁷	> 2 x 10 ⁷	> 2 x 10 ⁷

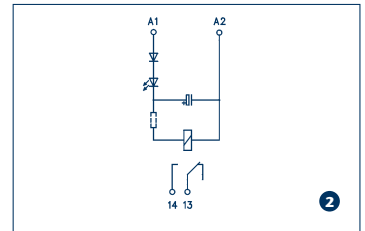
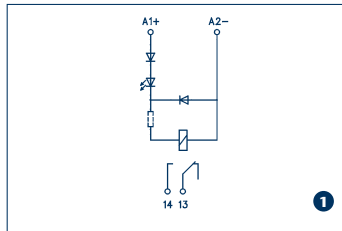
RM-S relay modules

- Mounts on TS 32/TS 35
- Screw connection
- Input side:
free-wheel and reverse-polarity protection diode
- LED for indicating switching status is possible
- Thin design, a width of 11.2 mm

RM-S Soldered relay 1 NO contact



Circuit diagram



General information	
DIN VDE specifications	DIN EN 50178, DIN VDE 0110, contamination degree 2, overvoltage cat. II
Test voltage coil/contact	4 kV
Operating temperature	-20 to +50°C
Stripping length	7 mm
Connection cross-section	0.2 – 2.5 mm ² /AWG 22 – 14
Wire cross-section for coil RMS-S	0.2 – 1.5 mm ² /AWG 2816
Relay	soldered
Design	Closed

Cat. no./Qty.	Type	Circuit diagram
Size (L x W x H) with TS 35 x 7.5	77 x 11.2 x 55 mm	
Weight	30 g	
red LED		
6347.2/1	RM-SR/1 S/12 V DC	1
5400.2/1	RM-SR/1 S/24 V DC	1
5412.2/1	RM-SR/1 S/48 V DC	1
5424.2/1	RM-SR/1 S/60 V DC	1
6356.2/1	RM-SR/1 S/12 V DC/AC	2
5406.2/1	RM-SR/1 S/24 V DC/AC	2
5418.2/1	RM-SR/1 S/48 V DC/AC	2
Green LED		
6348.2/1	RM-SG/1 S/12 V DC	1
5401.2/1	RM-SG/1 S/24 V DC	1
5413.2/1	RM-SG/1 S/48 V DC	1
5425.2/1	RM-SG/1 S/60 V DC	1
6357.2/1	RM-SG/1 S/12 V DC/AC	2
5407.2/1	RM-SG/1 S/24 V DC/AC	2
5419.2/1	RM-SG/1 S/48 V DC/AC	2
without LED		
6349.2/1	RM-S/1 S/12 V DC	1
5402.2/1	RM-S/1 S/24 V DC	1
5414.2/1	RM-S/1 S/48 V DC	1
5426.2/1	RM-S/1 S/60 V DC	1
6358.2/1	RM-S/1 S/12 V DC/AC	2
5408.2/1	RM-S/1 S/24 V DC/AC	2
5420.2/1	RM-S/1 S/48 V DC/AC	2

Relay data				
Input data				
Input voltage ±10%	12 V DC	24 V DC	48 V DC	60 V DC
Power consumption ±10%	0.6 W	0.6 W	0.6 W	0.6 W
Output data				
Contacts				
Max. switching voltage	250 V AC	250 V AC	250 V AC	250 V AC
Max. continuous current/inrush current	6 A / 8 A	6 A / 8 A	6 A / 8 A	6 A / 8 A
Max. switching capacity at resistive load	2000 VA at 250 V AC, 8 A / 192 W at 24 V DC, 8 A	2000 VA at 250 V AC, 8 A / 192 W at 24 V DC, 8 A	2000 VA at 250 V AC, 8 A / 192 W at 24 V DC, 8 A	2000 VA at 250 V AC, 8 A / 192 W at 24 V DC, 8 A
Typical response time/release time	9 ms/ 7 ms	9 ms/ 7 ms	9 ms/ 7 ms	9 ms/ 7 ms
Contact material	AgNi	AgNi	AgNi	AgNi
Electrical lifespan at max. contact load	> 1.5 x 10 ⁵	> 1.5 x 10 ⁶	> 1.5 x 10 ⁷	> 1.5 x 10 ⁸
Mechanical lifespan	> 1 x 10 ⁷	> 1 x 10 ⁸	> 1 x 10 ⁹	> 1 x 10 ¹⁰

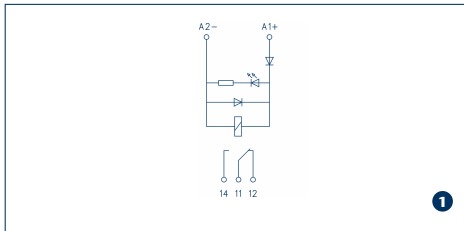
Relay modules 1 CO RM L

- Mounts on TS 32/TS 35
- Screw connection
- LED for indicating the switching status
- Power relay, 16 A

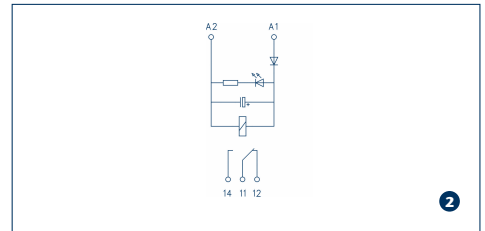
RML/1 W Soldered relay 1 CO



Circuit diagram



Circuit diagram



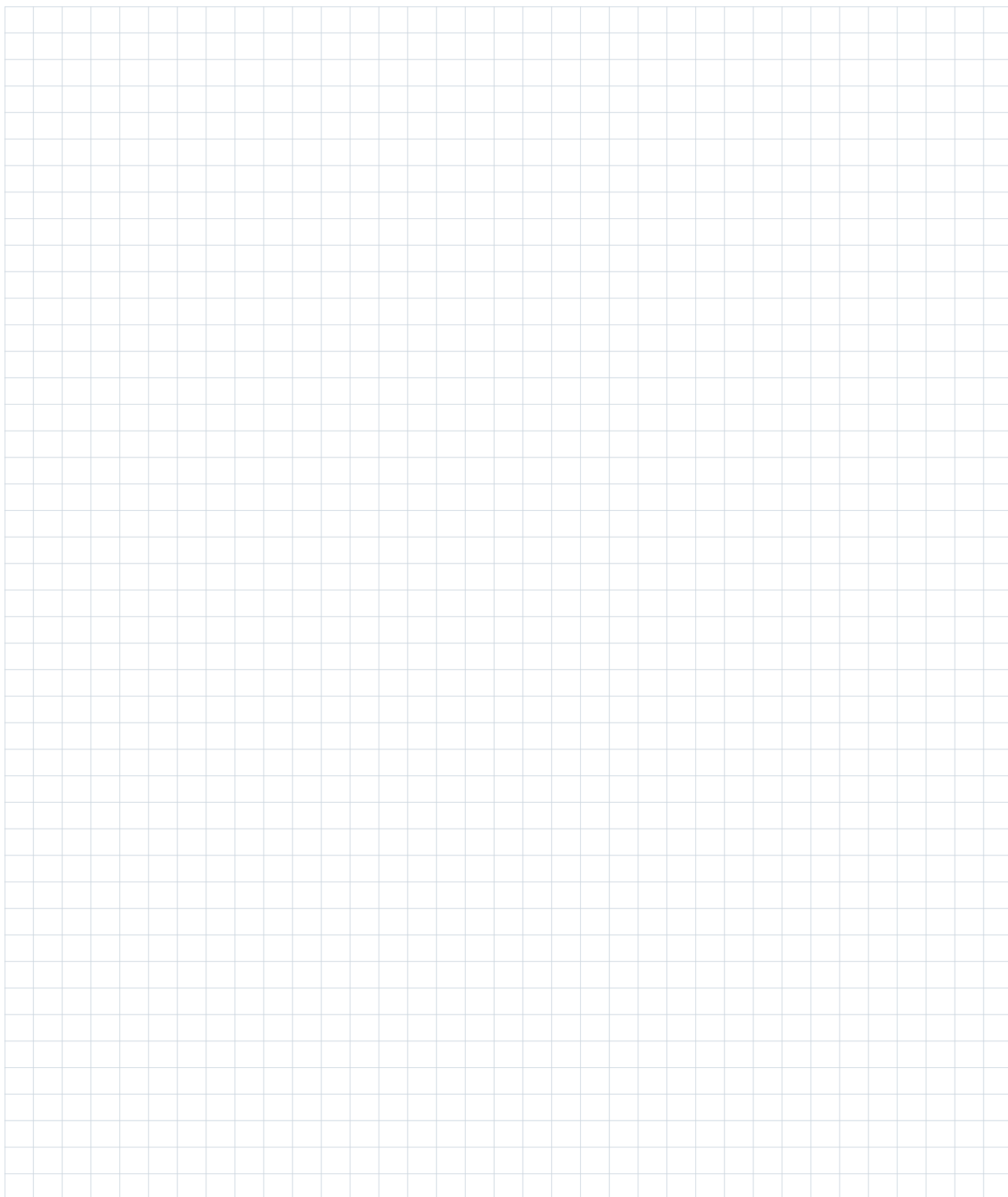
Cat. no./Qty.	Type	Circuit diagram
Soldered relay		
5800.2/1	RML/1 W/24 V DC	1
5801.2/1	RML/1 W/24 V AC/DC	2
5802.2/1	RML/1 W/48 V DC	1
Load relay		
6920.0	RML-L/1 W/24 V DC	1

Size (L x W x H)	
with TS 35 x 7.5	87 x 24 x 68 mm
Weight	53 g
Relay	soldered
Contacts	1 CO
Design	Closed

General information	
DIN VDE specifications	DIN EN 50178, DIN VDE 0110, contamination degree 2, Overvoltage category III
Test voltage coil/contact	4 kV
Operating temperature	-20 to +50 °C
Stripping length	7 mm
Connection cross-section	0.2 – 2.5 mm ² /AWG 22 – 14

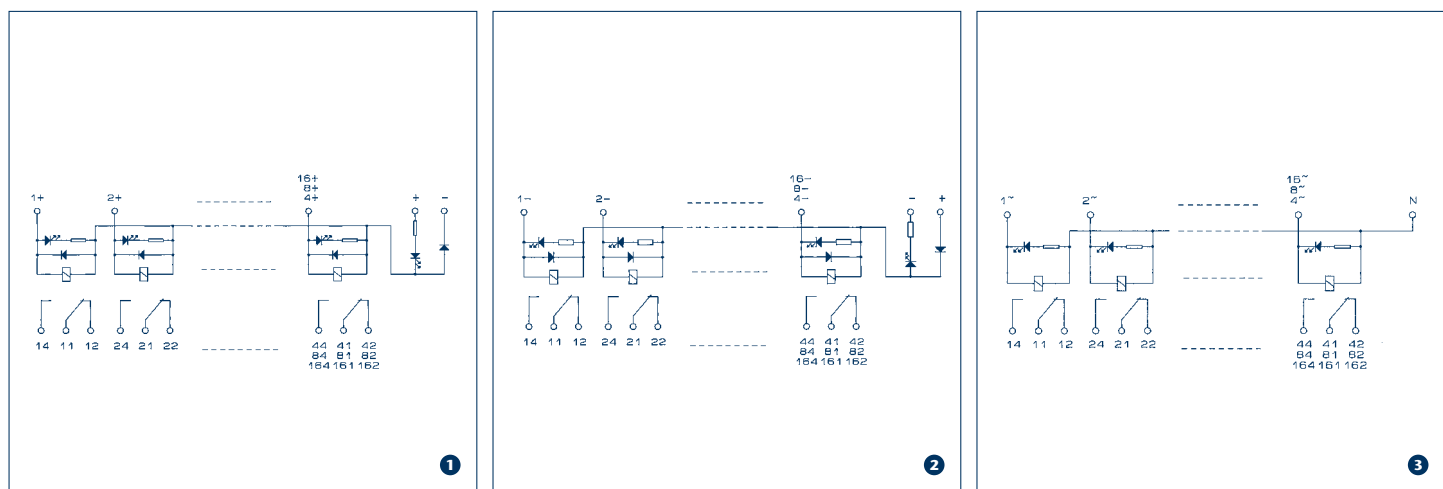
Relay data				RML-L
Input data				
Input voltage ±10%	24 V DC	24 V AC/DC	48 V DC	24 V DC
Power consumption ±10%	0.5 W	0.5 W/1.0 VA	0.5 W	0.5 W
Status indication per relay (LED)	Red	Red	Red	Red
Output data				
Contacts	1 CO	1 CO	1 CO	1 CO
Max. switching voltage	250 V AC	250 V AC	250 V AC	250 V AC
Max. continuous current/inrush current	16 A / 25 A	16 A / 25 A	16 A / 25 A	16 A/80 A (20 ms)
Max. power rating (ohmic load)	4000 VA at 250 V AC, 16 A	4000 VA at 250 V AC, 16 A	4000 VA at 250 V AC, 16 A	4000 VA at 250 V AC 16 A
Typical response time/release time	9 ms/7 ms	15 ms/8 ms	9 ms/7 ms	9 ms/7 ms
Contact material	AgNi 90/10	AgNi 90/10	AgNi 90/10	AgSnO 2
Electrical lifespan at max. contact load	> 2 x 10 ⁵	> 2 x 10 ⁵	> 2 x 10 ⁵	> 2 x 10 ⁵
Mechanical lifespan	> 1 x 10 ⁷	> 1 x 10 ⁷	> 1 x 10 ⁷	> 1 x 10 ⁷

Notes



Relay modules 1 CO contact RIM

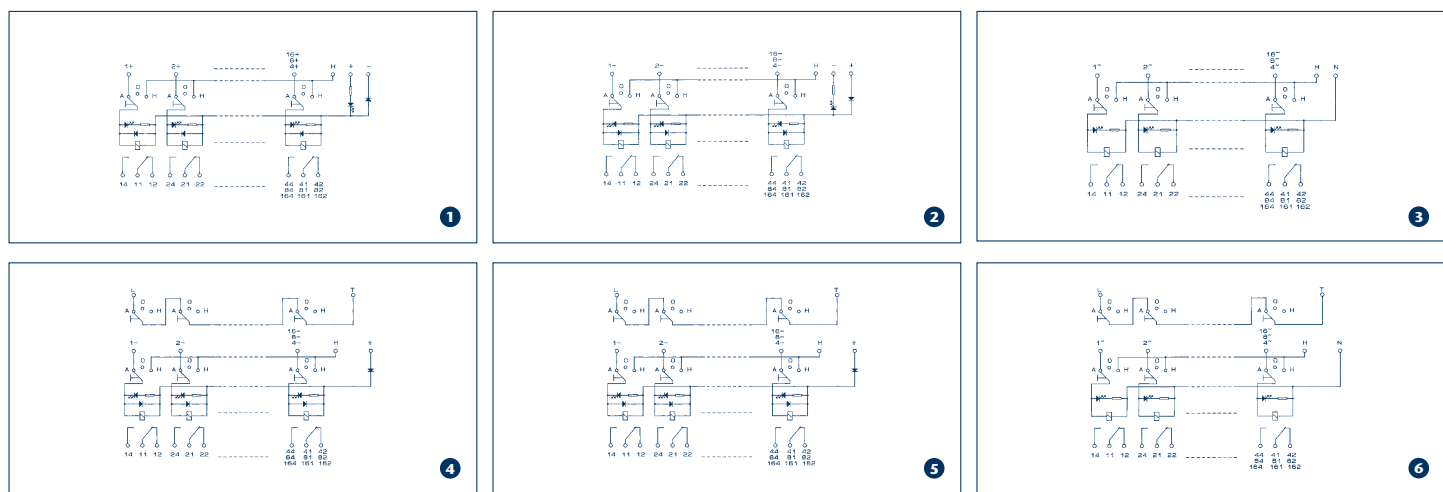
Circuit diagram



Modules	Cat. no./Qty. Relay Pluggable	Type	Cat. no./Qty. Relay soldered	Type	Circuit diagram	Dimensions (L x W x H) with TS 35 x 7.5	Weight
Modules with 2 relays each with 1 CO contact							
	6021.2 /1	RIM 2/1 W/24 V +	6030.2 /1	RIMD 2/1 W/24 V +	1	87 x 41 x 66/57	100 g / 90 g
	6022.2 /1	RIM 2/1 W/24 V -	6031.2 /1	RIMD 2/1 W/24 V -	2	87 x 41 x 66/57	100 g / 90 g
	6023.2 /1	RIM 2/1 W/24 ACG	6032.2 /1	RIMD 2/1 W/24 ACG	3	87 x 41 x 66/57	100 g / 90 g
	6024.2 /1	RIM 2/1 W/48 V +	6033.2 /1	RIMD 2/1 W/48 V +	1	87 x 41 x 66/57	100 g / 90 g
	6025.2 /1	RIM 2/1 W/48 V -	6034.2 /1	RIMD 2/1 W/48 V -	2	87 x 41 x 66/57	100 g / 90 g
	6026.2 /1	RIM 2/1 W/115 V +	6035.2 /1	RIMD 2/1 W/115 V +	1	87 x 41 x 66/57	100 g / 90 g
	6027.2 /1	RIM 2/1 W/115 V -	6036.2 /1	RIMD 2/1 W/115 V -	2	87 x 41 x 66/57	100 g / 90 g
	6028.2 /1	RIM 2/1 W/115 ACG	6037.2 /1	RIMD 2/1 W/115 ACG	3	87 x 41 x 66/57	100 g / 90 g
	6029.2 /1	RIM 2/1 W/230 ACG	6038.2 /1	RIMD 2/1 W/230 ACG	3	87 x 41 x 66/57	100 g / 90 g
Modules with 4 relays each with 1 CO contact							
	6039.2 /1	RIM 4/1 W/24 V +	6048.2 /1	RIMD 4/1 W/24 V +	1	87 x 77 x 66/57	180 g / 160 g
	6040.2 /1	RIM 4/1 W/24 V -	6049.2 /1	RIMD 4/1 W/24 V -	2	87 x 77 x 66/57	180 g / 160 g
	6041.2 /1	RIM 4/1 W/24 ACG	6050.2 /1	RIMD 4/1 W/24 ACG	3	87 x 77 x 66/57	180 g / 160 g
	6042.2 /1	RIM 4/1 W/48 V +	6051.2 /1	RIMD 4/1 W/48 V +	1	87 x 77 x 66/57	180 g / 160 g
	6043.2 /1	RIM 4/1 W/48 V -	6052.2 /1	RIMD 4/1 W/48 V -	2	87 x 77 x 66/57	180 g / 160 g
	6044.2 /1	RIM 4/1 W/115 V +	6053.2 /1	RIMD 4/1 W/115 V +	1	87 x 77 x 66/57	180 g / 160 g
	6045.2 /1	RIM 4/1 W/115 V -	6054.2 /1	RIMD 4/1 W/115 V -	2	87 x 77 x 66/57	180 g / 160 g
	6046.2 /1	RIM 4/1 W/115 ACG	6055.2 /1	RIMD 4/1 W/115 ACG	3	87 x 77 x 66/57	180 g / 160 g
	6047.2 /1	RIM 4/1 W/230 ACG	6056.2 /1	RIMD 4/1 W/230 ACG	3	87 x 77 x 66/57	180 g / 160 g
Modules with 8 relays each with 1 CO contact							
	6057.2 /1	RIM 8/1 W/24 V +	6066.2 /1	RIMD 8/1 W/24 V +	1	87 x 148 x 66/57	340 g / 300 g
	6058.2 /1	RIM 8/1 W/24 V -	6067.2 /1	RIMD 8/1 W/24 V -	2	87 x 148 x 66/57	340 g / 300 g
	6059.2 /1	RIM 8/1 W/24 ACG	6068.2 /1	RIMD 8/1 W/24 ACG	3	87 x 148 x 66/57	340 g / 300 g
	6060.2 /1	RIM 8/1 W/48 V +	6069.2 /1	RIMD 8/1 W/48 V +	1	87 x 148 x 66/57	340 g / 300 g
	6061.2 /1	RIM 8/1 W/48 V -	6070.2 /1	RIMD 8/1 W/48 V -	2	87 x 148 x 66/57	340 g / 300 g
	6062.2 /1	RIM 8/1 W/115 V +	6071.2 /1	RIMD 8/1 W/115 V +	1	87 x 148 x 66/57	340 g / 300 g
	6063.2 /1	RIM 8/1 W/115 V -	6072.2 /1	RIMD 8/1 W/115 V -	2	87 x 148 x 66/57	340 g / 300 g
	6064.2 /1	RIM 8/1 W/115 ACG	6073.2 /1	RIMD 8/1 W/115 ACG	3	87 x 148 x 66/57	340 g / 300 g
	6065.2 /1	RIM 8/1 W/230 ACG	6074.2 /1	RIMD 8/1 W/230 ACG	3	87 x 148 x 66/57	340 g / 300 g
Modules with 16 relays each with 1 CO contact							
	6075.2 /1	RIM 16/1 W/24 V +	6084.2 /1	RIMD 16/1 W/24 V +	1	87 x 291 x 66/57	660 g / 580 g
	6076.2 /1	RIM 16/1 W/24 V -	6085.2 /1	RIMD 16/1 W/24 V -	2	87 x 291 x 66/57	660 g / 580 g
	6077.2 /1	RIM 16/1 W/24 ACG	6086.2 /1	RIMD 16/1 W/24 ACG	3	87 x 291 x 66/57	660 g / 580 g
	6078.2 /1	RIM 16/1 W/48 V +	6087.2 /1	RIMD 16/1 W/48 V +	1	87 x 291 x 66/57	660 g / 580 g
	6079.2 /1	RIM 16/1 W/48 V -	6088.2 /1	RIMD 16/1 W/48 V -	2	87 x 291 x 66/57	660 g / 580 g
	6080.2 /1	RIM 16/1 W/115 V +	6089.2 /1	RIMD 16/1 W/115 V +	1	87 x 291 x 66/57	660 g / 580 g
	6081.2 /1	RIM 16/1 W/115 V -	6090.2 /1	RIMD 16/1 W/115 V -	2	87 x 291 x 66/57	660 g / 580 g
	6082.2 /1	RIM 16/1 W/115 ACG	6091.2 /1	RIMD 16/1 W/115 ACG	3	87 x 291 x 66/57	660 g / 580 g
	6083.2 /1	RIM 16/1 W/230 ACG	6092.2 /1	RIMD 16/1 W/230 ACG	3	87 x 291 x 66/57	660 g / 580 g

Relay modules 1 CO contact RIM S

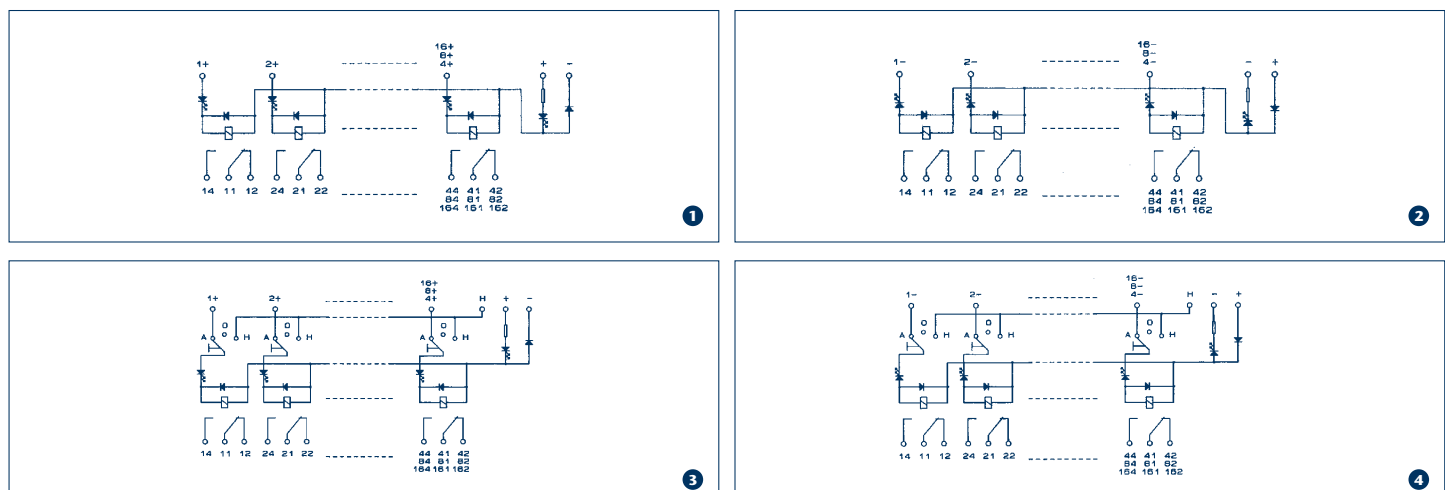
Circuit diagram



Modules	Cat. no./Qty. Relay Pluggable	Type	Cat. no./Qty. Relay soldered	Type	Circuit diagram	Dimensions (L x W x H) with TS 35 x 7.5	Weight
Modules with 2 relays each with 1 CO contact							
	5900.3 /1	RIM 2 S/1 W/24 V +	5902.3 /1	RIMD 2 S/1 W/24 V +	1	87 x 44 x 74	115 g / 105 g
	5901.3 /1	RIM 2 S/1 W/24 V -	5903.3 /1	RIMD 2 S/1 W/24 V -	2	87 x 44 x 74	115 g / 105 g
	6588.2 /1	RIM 2 S/1 W/24 ACG	6589.2 /1	RIMD 2 S/1 W/24 ACG	3	87 x 44 x 74	115 g / 105 g
	6590.2 /1	RIM 2 S/1 W/230 ACG	6591.2 /1	RIMD 2 S/1 W/230 ACG	3	87 x 44 x 74	115 g / 105 g
	6606.2 /1	RIM 2-2 S/1 W/24 +	6607.2 /1	RIMD 2-2 S/1 W/24 +	4	87 x 44 x 74	115 g / 105 g
	6608.2 /1	RIM 2-2 S/1 W/24 -	6609.2 /1	RIMD 2-2 S/1 W/24 -	5	87 x 44 x 74	115 g / 105 g
	6610.2 /1	RIM 2-2 S/1 W/24 ACG	6611.2 /1	RIMD 2-2 S/1 W/24 ACG	6	87 x 44 x 74	115 g / 105 g
	6612.2 /1	RIM 2-2 S/1 W/230 ACG	6613.2 /1	RIMD 2-2 S/1 W/230 ACG	6	87 x 44 x 74	115 g / 105 g
Modules with 4 relays each with 1 CO contact							
	5904.3 /1	RIM 4 S/1 W/24 V +	5906.3 /1	RIMD 4 S/1 W/24 V +	1	87 x 78 x 74	195 g / 175 g
	5905.3 /1	RIM 4 S/1 W/24 V -	5907.3 /1	RIMD 4 S/1 W/24 V -	2	87 x 78 x 74	195 g / 175 g
	6592.2 /1	RIM 4 S/1 W/24 ACG	6593.2 /1	RIMD 4 S/1 W/24 ACG	3	87 x 78 x 74	195 g / 175 g
	6594.2 /1	RIM 4 S/1 W/230 ACG	6595.2 /1	RIMD 4 S/1 W/230 ACG	3	87 x 78 x 74	195 g / 175 g
	6614.2 /1	RIM 4-2 S/1 W/24 +	6615.2 /1	RIMD 4-2 S/1 W/24 +	4	87 x 78 x 74	195 g / 175 g
	6616.2 /1	RIM 4-2 S/1 W/24 -	6617.2 /1	RIMD 4-2 S/1 W/24 -	5	87 x 78 x 74	195 g / 175 g
	6618.2 /1	RIM 4-2 S/1 W/24 ACG	6619.2 /1	RIMD 4-2 S/1 W/24 ACG	6	87 x 78 x 74	195 g / 175 g
	6620.2 /1	RIM 4-2 S/1 W/230 ACG	6621.2 /1	RIMD 4-2 S/1 W/230 ACG	6	87 x 78 x 74	195 g / 175 g
Modules with 8 relays each with 1 CO contact							
	5908.3 /1	RIM 8 S/1 W/24 V +	5910.3 /1	RIMD 8 S/1 W/24 V +	1	87 x 150 x 74	365 g / 325 g
	5909.3 /1	RIM 8 S/1 W/24 V -	5911.3 /1	RIMD 8 S/1 W/24 V -	2	87 x 150 x 74	365 g / 325 g
	6596.2 /1	RIM 8 S/1 W/24 ACG	6597.2 /1	RIMD 8 S/1 W/24 ACG	3	87 x 150 x 74	365 g / 325 g
	6598.2 /1	RIM 8 S/1 W/230 ACG	6599.2 /1	RIMD 8 S/1 W/230 ACG	3	87 x 150 x 74	365 g / 325 g
	6622.2 /1	RIM 8-2 S/1 W/24 +	6623.2 /1	RIMD 8-2 S/1 W/24 +	4	87 x 150 x 74	365 g / 325 g
	6624.2 /1	RIM 8-2 S/1 W/24 -	6625.2 /1	RIMD 8-2 S/1 W/24 -	5	87 x 150 x 74	365 g / 325 g
	6626.2 /1	RIM 8-2 S/1 W/24 ACG	6627.2 /1	RIMD 8-2 S/1 W/24 ACG	6	87 x 150 x 74	365 g / 325 g
	6628.2 /1	RIM 8-2 S/1 W/230 ACG	6629.2 /1	RIMD 8-2 S/1 W/230 ACG	6	87 x 150 x 74	365 g / 325 g
Modules with 16 relays each with 1 CO contact							
	6600.2 /1	RIM 16 S/1 W/24 V +	6601.2 /1	RIMD 16 S/1 W/24 V +	1	87 x 292 x 74	715 g / 635 g
	6602.2 /1	RIM 16 S/1 W/24 V -	6603.2 /1	RIMD 16 S/1 W/24 V -	2	87 x 292 x 74	715 g / 635 g
	6604.2 /1	RIM 16 S/1 W/24 ACG	6605.2 /1	RIMD 16 S/1 W/24 ACG	3	87 x 292 x 74	715 g / 635 g
	6630.2 /1	RIM 16 S/1 W/230 ACG	6631.2 /1	RIMD 16 S/1 W/230 ACG	3	87 x 292 x 74	715 g / 635 g
	6632.2 /1	RIM 16-2 S/1 W/24 +	6633.2 /1	RIMD 16-2 S/1 W/24 +	4	87 x 292 x 74	715 g / 635 g
	6634.2 /1	RIM 16-2 S/1 W/24 -	6635.2 /1	RIMD 16-2 S/1 W/24 -	5	87 x 292 x 74	715 g / 635 g
	6636.2 /1	RIM 16-2 S/1 W/24 ACG	6637.2 /1	RIMD 16-2 S/1 W/24 ACG	6	87 x 292 x 74	715 g / 635 g
	6638.2 /1	RIM 16-2 S/1 W/230 ACG	6639.2 /1	RIMD 16-2 S/1 W/230 ACG	6	87 x 292 x 74	715 g / 635 g

Relay modules 1 CO contact RIM-16 A

Circuit diagram

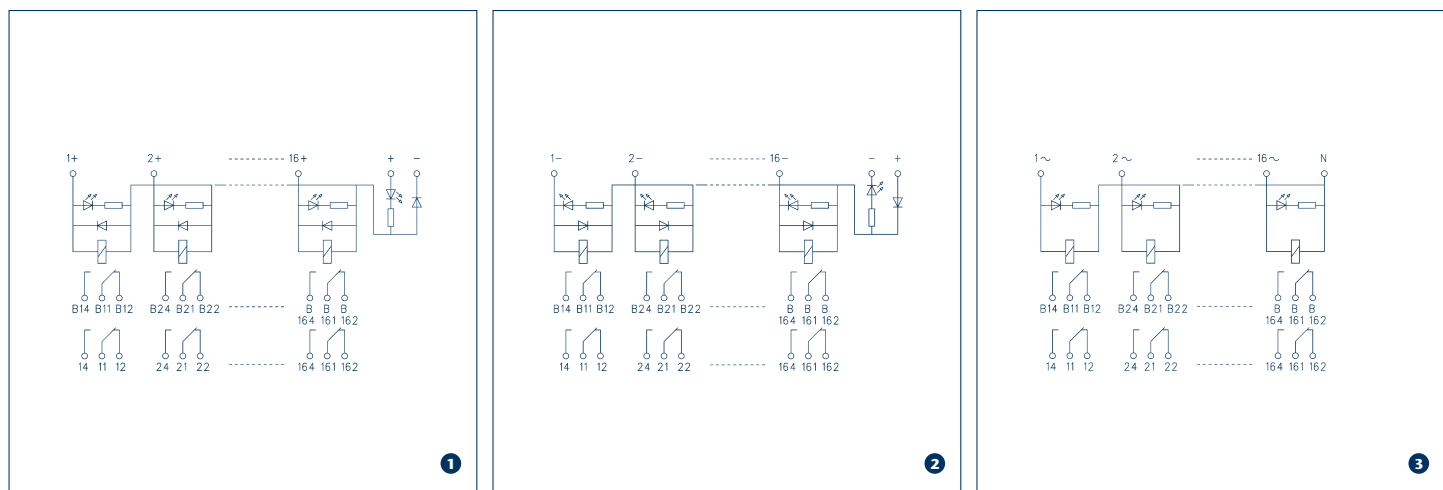


Modules	Cat. no./Qty.	Relay Type	Pluggable	Cat. no./Qty.	Relay Type	Soldered	Circuit diagram	Dimensions (L x W x H) with TS 35 x 7.5	Weight
Modules with 2 relays each with 1 CO contact									
	6016.2/1	RIM 2-16 A/1 W/24 V +		6648.2/1	RIMD 2-16 A/1 W/24 V +		1	87 x 42 x 74	100 g / 90 g
	6640.2/1	RIM 2-16 A/1 W/24 V -		6649.2/1	RIMD 2-16 A/1 W/24 V -		2	87 x 42 x 74	100 g / 90 g
	6017.2/1	RIM 2 S-16 A/1 W/24 V +		6650.2/1	RIMD 2 S-16 A/1 W/24 V +		3	87 x 42 x 74	110 g / 100 g
	6641.2/1	RIM 2 S-16 A/1 W/24 V -		6651.2/1	RIMD 2 S-16 A/1 W/24 V -		4	87 x 42 x 74	110 g / 100 g
Modules with 4 relays each with 1 CO contact									
	6018.2/1	RIM 4-16 A/1 W/24 V +		6652.2/1	RIMD 4-16 A/1 W/24 V +		1	87 x 77 x 74	180 g / 160 g
	6642.2/1	RIM 4-16 A/1 W/24 V -		6653.2/1	RIMD 4-16 A/1 W/24 V -		2	87 x 77 x 74	180 g / 160 g
	6019.2/1	RIM 4 S-16 A/1 W/24 V +		6654.2/1	RIMD 4 S-16 A/1 W/24 V +		3	87 x 77 x 74	200 g / 180 g
	6643.2/1	RIM 4 S-16 A/1 W/24 V -		6655.2/1	RIMD 4 S-16 A/1 W/24 V -		4	87 x 77 x 74	200 g / 180 g
Modules with 8 relays each with 1 CO contact									
	6012.2/1	RIM 8-16 A/1 W/24 V +		6656.2/1	RIMD 8-16 A/1 W/24 V +		1	87 x 148 x 74	340 g / 300 g
	6644.2/1	RIM 8-16 A/1 W/24 V -		6657.2/1	RIMD 8-16 A/1 W/24 V -		2	87 x 148 x 74	340 g / 300 g
	6013.2/1	RIM 8 S-16 A/1 W/24 V +		6658.2/1	RIMD 8 S-16 A/1 W/24 V +		3	87 x 148 x 74	380 g / 340 g
	6645.2/1	RIM 8 S-16 A/1 W/24 V -		6659.2/1	RIMD 8 S-16 A/1 W/24 V -		4	87 x 148 x 74	380 g / 340 g
Modules with 16 relays each with 1 CO contact									
	6014.2/1	RIM 16-16 A/1 W/24 V +		6660.2/1	RIMD 16-16 A/1 W/24 V +		1	87 x 290 x 74	660 g / 580 g
	6646.2/1	RIM 16-16 A/1 W/24 V -		6661.2/1	RIMD 16-16 A/1 W/24 V -		2	87 x 290 x 74	660 g / 580 g
	6015.2/1	RIM 16 S-16 A/1 W/24 V +		6662.2/1	RIMD 16 S-16 A/1 W/24 V +		3	87 x 290 x 74	740 g / 660 g
	6647.2/1	RIM 16 S-16 A/1 W/24 V -		6663.2/1	RIMD 16 S-16 A/1 W/24 V -		4	87 x 290 x 74	740 g / 660 g

Relay systems

Relay modules 2 CO contact RIM

Circuit diagram



Modules	Cat. no./Qty. Relay Pluggable	Type	Cat. no./Qty. Relay soldered	Type	Circuit diagram	Dimensions (L x W x H) with TS 35 x 7.5	Weight
Modules with 2 relays each with 2 CO contact							
	5566.2/1	RIM 2/2 W/24 V +	5567.2/1	RIMD 2/2 W/24 V +	1	87 x 44 x 72	120 g / 110 g
	5568.2/1	RIM 2/2 W/24 V -	5569.2/1	RIMD 2/2 W/24 V -	2	87 x 44 x 72	120 g / 110 g
	5658.2/1	RIM 2/2 W/24 ACG	5659.2/1	RIMD 2/2 W/24 ACG	3	87 x 44 x 72	120 g / 110 g
	5570.2/1	RIM 2/2 W/48 V +	5571.2/1	RIMD 2/2 W/48 V +	1	87 x 44 x 72	120 g / 110 g
	5572.2/1	RIM 2/2 W/48 V -	5573.2/1	RIMD 2/2 W/48 V -	2	87 x 44 x 72	120 g / 110 g
	5662.2/1	RIM 2/2 W/115 V +	5663.2/1	RIMD 2/2 W/115 V +	1	87 x 44 x 72	120 g / 110 g
	5664.2/1	RIM 2/2 W/115 V -	5665.2/1	RIMD 2/2 W/115 V -	2	87 x 44 x 72	120 g / 110 g
	5578.2/1	RIM 2/2 W/115 ACG	5579.2/1	RIMD 2/2 W/115 ACG	3	87 x 44 x 72	120 g / 110 g
	5580.2/1	RIM 2/2 W/230 ACG	5581.2/1	RIMD 2/2 W/230 ACG	3	87 x 44 x 72	120 g / 110 g
Modules with 4 relays each with 2 CO contact							
	5582.2/1	RIM 4/2 W/24 V +	5583.2/1	RIMD 4/2 W/24 V +	1	87 x 80 x 72	202 g / 182 g
	5584.2/1	RIM 4/2 W/24 V -	5585.2/1	RIMD 4/2 W/24 V -	2	87 x 80 x 72	202 g / 182 g
	5668.2/1	RIM 4/2 W/24 ACG	5669.2/1	RIMD 4/2 W/24 ACG	3	87 x 80 x 72	202 g / 182 g
	5586.2/1	RIM 4/2 W/48 V +	5587.2/1	RIMD 4/2 W/48 V +	1	87 x 80 x 72	202 g / 182 g
	5588.2/1	RIM 4/2 W/48 V -	5589.2/1	RIMD 4/2 W/48 V -	2	87 x 80 x 72	202 g / 182 g
	5672.2/1	RIM 4/2 W/115 V +	5673.2/1	RIMD 4/2 W/115 V +	1	87 x 80 x 72	202 g / 182 g
	5674.2/1	RIM 4/2 W/115 V -	5675.2/1	RIMD 4/2 W/115 V -	2	87 x 80 x 72	202 g / 182 g
	5594.2/1	RIM 4/2 W/115 ACG	5595.2/1	RIMD 4/2 W/115 ACG	3	87 x 80 x 72	202 g / 182 g
	5596.2/1	RIM 4/2 W/230 ACG	5597.2/1	RIMD 4/2 W/230 ACG	3	87 x 80 x 72	202 g / 182 g
Modules with 8 relays each with 2 CO contact							
	6155.2/1	RIM 8/2 W/24 V +	6156.2/1	RIMD 8/2 W/24 V +	1	87 x 151 x 72	392 g / 352 g
	6157.2/1	RIM 8/2 W/24 V -	6158.2/1	RIMD 8/2 W/24 V -	2	87 x 151 x 72	392 g / 352 g
	6159.2/1	RIM 8/2 W/24 ACG	6160.2/1	RIMD 8/2 W/24 ACG	3	87 x 151 x 72	392 g / 352 g
	6161.2/1	RIM 8/2 W/48 V +	6162.2/1	RIMD 8/2 W/48 V +	1	87 x 151 x 72	392 g / 352 g
	6163.2/1	RIM 8/2 W/48 V -	6164.2/1	RIMD 8/2 W/48 V -	2	87 x 151 x 72	392 g / 352 g
	6165.2/1	RIM 8/2 W/115 V +	6166.2/1	RIMD 8/2 W/115 V +	1	87 x 151 x 72	392 g / 352 g
	6167.2/1	RIM 8/2 W/115 V -	6168.2/1	RIMD 8/2 W/115 V -	2	87 x 151 x 72	392 g / 352 g
	6169.2/1	RIM 8/2 W/115 ACG	6170.2/1	RIMD 8/2 W/115 ACG	3	87 x 151 x 72	392 g / 352 g
	6171.2/1	RIM 8/2 W/230 ACG	6172.2/1	RIMD 8/2 W/230 ACG	3	87 x 151 x 72	392 g / 352 g
Modules with 16 relays each with 2 CO contact							
	6173.2/1	RIM 16/2 W/24 V +	6174.2/1	RIMD 16/2 W/24 V +	1	87 x 293 x 72	764 g / 684 g
	6175.2/1	RIM 16/2 W/24 V -	6176.2/1	RIMD 16/2 W/24 V -	2	87 x 293 x 72	764 g / 684 g
	6177.2/1	RIM 16/2 W/24 ACG	6178.2/1	RIMD 16/2 W/24 ACG	3	87 x 293 x 72	764 g / 684 g
	6179.2/1	RIM 16/2 W/48 V +	6180.2/1	RIMD 16/2 W/48 V +	1	87 x 293 x 72	764 g / 684 g
	6181.2/1	RIM 16/2 W/48 V -	6182.2/1	RIMD 16/2 W/48 V -	2	87 x 293 x 72	764 g / 684 g
	6183.2/1	RIM 16/2 W/115 V +	6184.2/1	RIMD 16/2 W/115 V +	1	87 x 293 x 72	764 g / 684 g
	6185.2/1	RIM 16/2 W/115 V -	6186.2/1	RIMD 16/2 W/115 V -	2	87 x 293 x 72	764 g / 684 g
	6187.2/1	RIM 16/2 W/115 ACG	6188.2/1	RIMD 16/2 W/115 ACG	3	87 x 293 x 72	764 g / 684 g
	6189.2/1	RIM 16/2 W/230 ACG	6190.2/1	RIMD 16/2 W/230 ACG	3	87 x 293 x 72	764 g / 684 g