

# RT Power PCB Relays

## 1 pole / 2 pole, 8/10/12/16 A

**RT1**★★★ 1pole 10/12 A, pinning 3,5 mm

**RT2**★★★ 1pole 12 A, pinning 5,0 mm

**RT3**★★★ 1pole 16 A, pinning 5,0 mm

**RT4**★★★ 2pole 8 A, pinning 5,0 mm

For dc or ac operation, neutral, monostable

Machine-soldering proof

(immersion cleanable upon request)

PCB pin spacing grid 3,5 bzw. 5,0 mm

Standard or sensitive version

with 1 changeover contact,

1 make contact or 2 changeover contacts;

Creepage/clearance  $\geq 10$  mm

Protection class II in acc. with VDE 0631/0700;

Dielectric strength  $> 5$  kV (coil / contact);

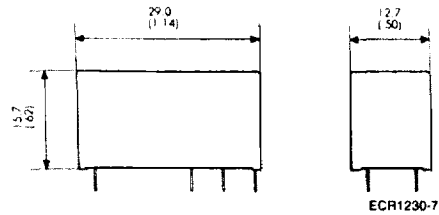
cadmium-free contacts

For electrical control and switching technology, e.g. for heating controllers, switching contactors, servo-motor controls solenoid valves etc.

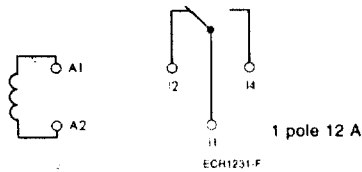
VLE, ÖVE, SEV, UL, CSA, BEAB

Approximate weight: 12 g

Base terminals

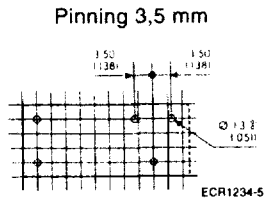


ECR1230-7



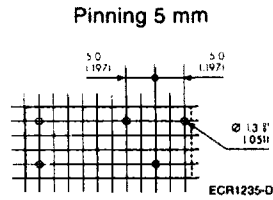
1 pole 12 A

ECR1231-F



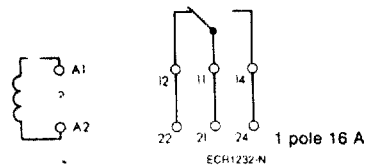
Pinning 3,5 mm

ECR1234-5



Pinning 5 mm

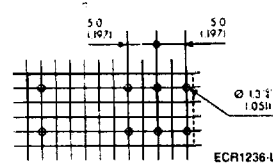
ECR1235-D



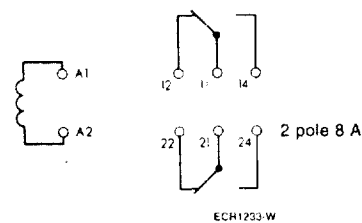
1 pole 16 A

ECR1232-N

Mounting hole layout  
View from the wiring side  
Pin spacing grid  $T = 2,52$  mm

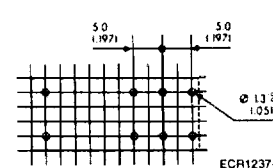


ECR1236-L



2 pole 8 A

ECR1233-W



ECR1237-U

## RT Power PCB Relays

<b>Rated voltage</b>	250 Vac
<b>Max. contact voltage</b>	440 Vac
<b>Rated current</b>	1pol. 12/16 A      2pol. 8 A
<b>Make current (max. 4 s at 10 % duty cycle)</b>	20/25 A      14 A
<b>Nominal power rating</b>	3000/4000 VA      2000 VA

**Contact material:** AgNi 90/10

Rated voltage	Voltage range at 20°C	Coil resistance at 20°C	Ordering code	DU	Price each			
					Pcs	DU-	100+	500+
Vac	Vac	Ω						

**DC operating voltage**

**1 pole, 12 A, pinning 3,5 mm, 1 changeover contact**

12	8,4 ... 27,6	360 ± 10 %	RT114012	20
24	16,8 ... 55,2	1440 ± 10 %	RT114024	20

**1 pole, 12 A, pinning 5 mm, 1 changeover contact**

12	8,4 ... 27,6	360 ± 10 %	RT214012	20
24	16,8 ... 55,2	1440 ± 10 %	RT214024	20

**1 pole, 16 A, pinning 5 mm, 1 changeover contact**

12	8,4 ... 27,6	360 ± 10 %	RT314012	20
24	16,8 ... 55,2	1440 ± 10 %	RT314024	20

**1 pole, 16 A, pinning 5 mm, 1 make contact**

12	8,4 ... 27,6	360 ± 10 %	RT334012	20
24	16,8 ... 55,2	1440 ± 10 %	RT334024	20

**2 pole, 8 A, pinning 5 mm, 2 changeover contacts**

12	8,4 ... 27,6	360 ± 10 %	RT424012	20
24	16,8 ... 55,2	1440 ± 10 %	RT424024	20
48	33,6 ... 110,4	5760 ± 15 %	RT424048	20

**NEW**

**Sensitive, 1 pole, 10 A, pinning 3,5 mm, 1 changeover contact**

12	9,0 ... 34,2	576 ± 10 %	RT174012	20
24	18,0 ... 68,4	2304 ± 11 %	RT174024	20

**Packing units 20/500 pieces**

## RT Power PCB Relays

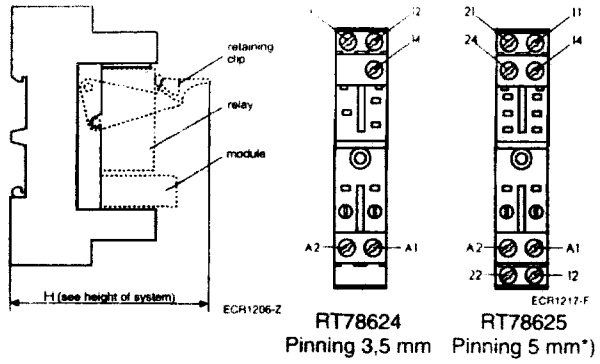
Rated voltage	Voltage range at 20°C	Coil resistance at 20°C	Ordering code	DU	Price each			
					Vac	Vac	Ω	Pcs
<b>AC operating voltage</b>								
<b>1 pole, 12 A, pinning 3,5 mm, 1 changeover contact</b>								
24	0,9 ... 1,1 × U <sub>N</sub>	350 ± 10 %	RT114524	20				
115	0,9 ... 1,1 × U <sub>N</sub>	8100 ± 10 %	RT114615	20				
230	0,9 ... 1,1 × U <sub>N</sub>	32500 ± 10 %	RT114730	20				
<b>1 pole, 16 A, pinning 5 mm, 1 changeover contact</b>								
24	0,9 ... 1,1 × U <sub>N</sub>	350 ± 10 %	RT314524	20				
115	0,9 ... 1,1 × U <sub>N</sub>	8100 ± 10 %	RT314615	20				
230	0,9 ... 1,1 × U <sub>N</sub>	32500 ± 10 %	RT314730	20				
<b>2 pole, 8 A, pinning 5 mm, 2 changeover contacts</b>								
24	0,9 ... 1,1 × U <sub>N</sub>	350 ± 10 %	RT424524	20				
115	0,9 ... 1,1 × U <sub>N</sub>	8100 ± 10 %	RT424615	20				
230	0,9 ... 1,1 × U <sub>N</sub>	32500 ± 10 %	RT424730	20				

Packing units 20/500 pieces

# RT Power PCB Relays Accessories

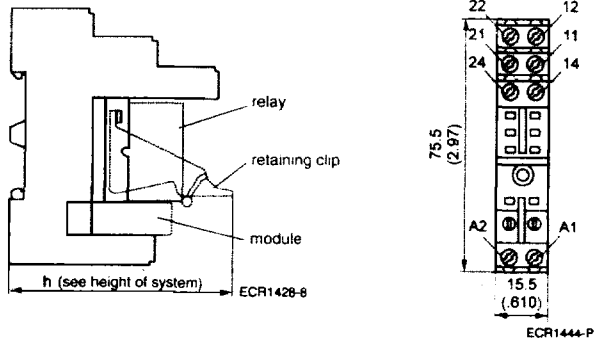
**Sockets with screw terminals**  
**RT78624 and RT78625**  
 snap mounting on DIN rail

\*) For 1 pole relays (12 A):  
 Relay terminals 11 - 12 - 14  
 are connected to socket  
 terminals 21 - 12 - 14



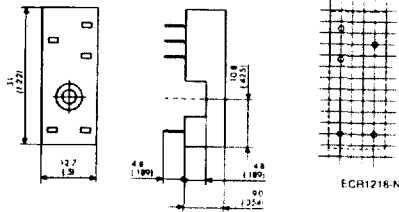
Relays

**RT78626**



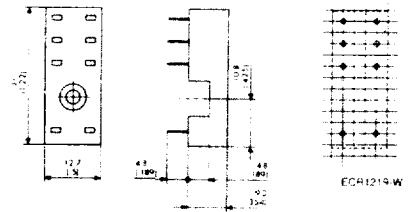
**Sockets with PCB mounting terminals**  
**RP78601**

Pinning 3,5 mm




**RP78602**

Pinning 5 mm



## RT Power PCB Relays Accessories

Accessories	Ordering code	DU Pcs	Price each				
			DU+	100	500	2000	
Socket with screw terminals, 3,5 mm pinning, for 1 pole relay	RT78624	20					
Socket with screw terminals, 5 mm pinning, for 1 pole relay 16 A and 2 pole relay	RT78625	20					
I/O-Socket with screw terminals, 5 mm pinning, for 1 pole and 2 pole relay	RT78626	20					<b>NEW</b>
Diode-, LED- and RC module, marking label	refer to RP II Accessories, page 79						
Retainer/ejector clip for RT78624/25/26	RT16016	20					
Socket with PCB mounting terminals, 3,5 mm pinning, for 1 pole relay	RP78601	100					
Socket with PCB mounting terminals, 5 mm pinning, for 1 pole and 2 pole relay	RP78602	100					
Plastic retaining clip for RP78601/02	RY16041	100					
Metal retaining clip for RP78601/02	RT28516	100					<b>NEW</b>