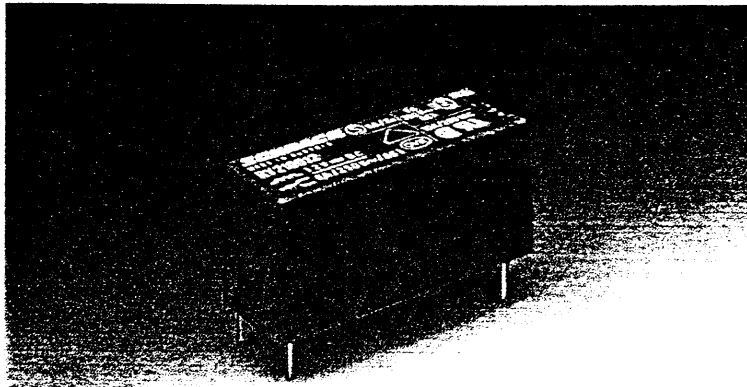


# PCB Relay RYII.



- 1 C/O, 1 N/O or 1 N/C, continuous current rating 8 A
- Sensitive coil 220 mW  
Pull-in power appr. 100 mW
- Low height 12.0 mm
- Pinning 3.2 (C/O) or 5 mm (N/O, N/C)
- Insulation category C/250
- Dielectric strength 5 kV
- Protection category II to VDE 0106



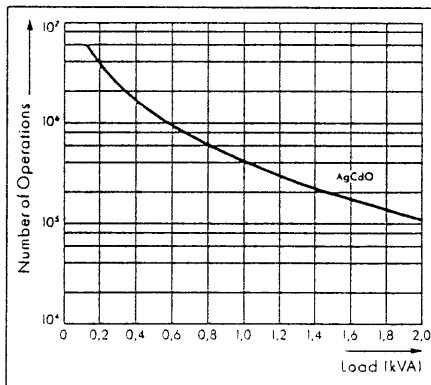
## Contacts

Number (Configuration)		1 C/O, 1 N/O, 1 N/C
Type of contact		single contact
Rated voltage/max. breaking voltage	VAC	250/440
Rated breaking capacity	VA	2000
Rated current	A	8
Make current	A	30
Contact material		AgCdO, Ag gold pl., AgSnO

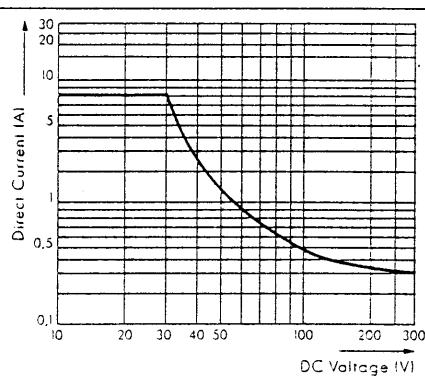
## General Data

Mechanical life	ops.	30 x 10 <sup>6</sup>
Electrical life	ops.	1 x 10 <sup>5</sup>
Max. switching rate mechanical/at rated load	ops./h	72000/360
Operate (pick up)/Release (drop out) time	appr. ms	6/2
Bounce time N/O / N/C contact	appr. ms	1/4
Ambient temperature	°C	-40 ... +75 (85°C at 6A)
Storage temperature	°C	-40 ... +80
Vibration resistance N/O / N/C	g (10 ... 150 Hz)	> 20/10
Shock resistance	g	> 100
Dielectric strength: coil-contact/open contact	VAC	5000/1500
Insulation resistance	MΩ	> 10 <sup>4</sup>
Creepage/clearance coil/contact	mm	> 8/8
Protection category	to VDE 0106	II
Insulation category/voltage rating	to VDE 0110	C/250, B/380
Solder bath temperature/soldering time	max. °C/max. s	260/5

## Contact Life for resistive AC load\*



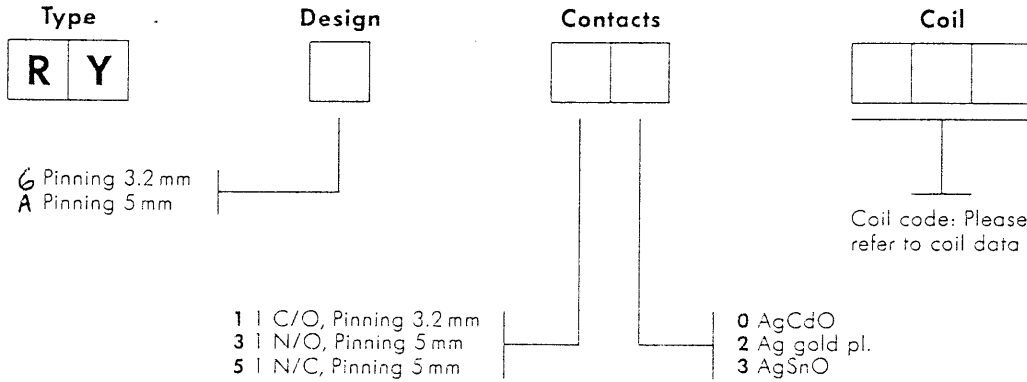
## Max. DC Load Breaking Capacity Contact material: AgCdO or Ag gold pl.



\* Reduction factor for inductive load: please refer to Relay Glossary

# PCB Relay RYII.

## Ordering Key



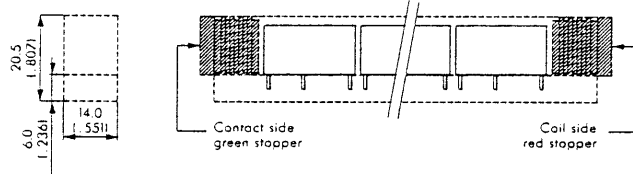
## Coil Data

Coil code	Rated voltage	Operate (pull-in)	Release (drop-out)	Coil current	Coil resistance
	VDC	VDC	VDC	mA	$\Omega$
005	5	3.5	0.5	44.0	$113 \pm 10\%$
006	6	4.2	0.6	36.7	$164 \pm 10\%$
012	12	8.4	1.2	18.3	$655 \pm 10\%$
024	24	16.8	2.4	9.2	$2620 \pm 10\%$
048	48	33.6	4.8	5.0	$9600 \pm 10\%$

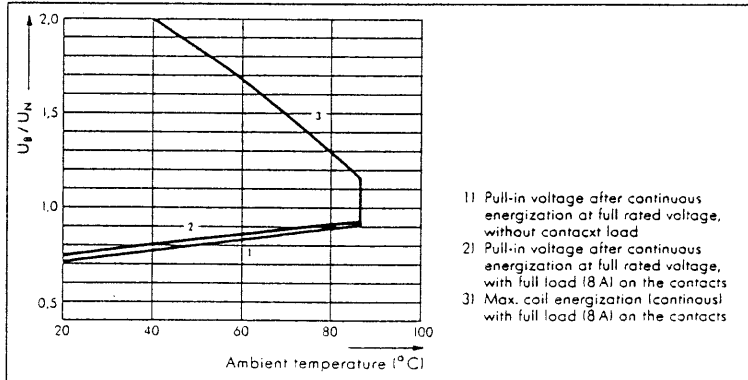
All figures are given for cold coil (at ambient temperature +20°C/68°F)

## Packing Information

Supplied in re-useable and PVC free bar packing.  
 Bar length: 605 mm (23.8 inch). Contents 20 relays.



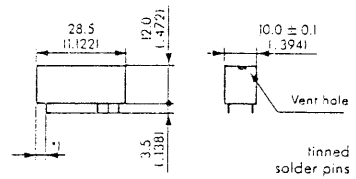
## Coil Operating Range



Stand October 1992

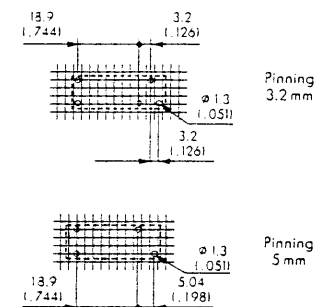
## Dimensions and Connections

### Dimensions

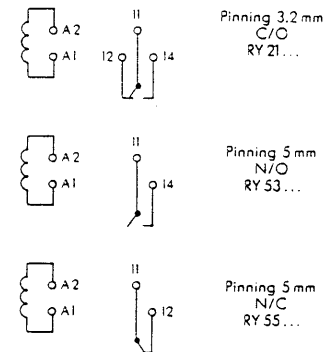


\*1 Pinning 3.2: 1.9 (L. 0751)  
 Pinning 5: 3.3 (L. 1301)

### P.C. Lay-out



### Connections



View on solder pins  
 P.C. Grid Module T=2.54 (L. 100)  
 Dimensions in mm (inch)

**SCHRACK**  
 COMPONENTS