





Accessories PCB Relay Card Relay E

- Socket with PCB- or screw terminals
- No reduction of protection class or creepage / clearance with plastic retainer
- **■** Easy replacement of relays
- Socket can be used as connector for diagnosis function
- Sockets and accessories: RoHS compliant (Directive 2002/95/EC)

LED- and protection modules: not RoHS compliant



RP 78 623 pinning 2.5 mm

Socket with screw-type terminals for DIN-rail mounting

Approvals

71 135149

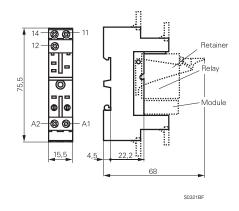
Technical data	RP 78 623	
Rated current	12 A	
Rated voltage / max.switching voltage AC	240/400 VAC	
Dielectric strength coil-contact circuit	4000 V _{rms}	
Clearance / creepage coil-contact circuit	≥ 4/4 mm	
Material group of insulation parts	≥ IIIa	
Insulation to IEC 60664-1		
Type of insulation coil-contact circuit	basic	
open contact circuit	functional	
Rated insulation voltage	250 V	
Pollution degree	2	
Rated voltage system	230/400 V	
Overvoltage category	III	
RoHS - Directive 2002/95/EC		
Sockets, retainers and marking tags:	compliant	
Degree of protection DIN 40050	IP20	
Ambient temperature range	-25+85°C	
Terminals	screw	
Terminal screw torque acc. IEC 61984	0.5 Nm	
max.	0.7 Nm	
Wire cross section		
single wire	2 x 2.5 mm ²	
fine wire	2 x 2.5 mm ²	
with bootlace crimp (DIN 46228/1)	2 x 1.5 mm ²	
Insertion cycles	A (10)	
Max. Insertion Force total	100 N	

Socket with screw-type terminals for DIN-rail mounting		
Туре		Part Number
RP 78 623	Socket with screw-type terminals for DIN-rail	
	mounting, pinning 2.5 mm	8-1393234-6

Accessories for RP 78 623			
Туре		Part Number	
RP 16 104	Plastic retaining clip	1-1393161-8	
RY 16 040	Marking tag	6-1393161-8	



F0118-A



Datasheet Issued 2005/08 www.tycoelectronics.com www.schrackrelays.com

Mounting distance

Packaging unit

Weight

Dimensions are in mm unless otherwise specified and are shown for reference purposes only.

Product specification according to IEC 61810-1. Product data, technical parameters, test conditions and

0, dense packing

31 g

10 pcs

processing information only to be used together with the 'Definitions' at schrackrelays.com in the

'Schrack' section.

Specifications subject to change.





Electronics

Accessories PCB Relay Card Relay E (Continued)

LED- and Protection Modules for RP 78 623		
	module into the socket	
Wiring in parallel	to the coil	
Туре		Part Number
RPM TO 0A0	Protection diode 1N4007 1)	1-1393161-1
RPM U0 548	RC-network 2448 VAC	1-1393161-3
RPM U0 730	RC-network 110230 VAC	1-1393161-4
LED		
RPM L0 024	red LED 1224 VDC w.prot.diode 1)	0-1393161-4
RPM G0 024	green LED 1224 VDC w.prot.diode 1)	0-1393161-3
RPM L0 524	red LED 1248 VDC / VAC	0-1393161-7
RPM G0 524	green LED 1248 VDC / VAC	2-1419152-4
RPM L0 110	red LED 60110 VDC w.prot.diode 1)	0-1393161-6
RPM G0 110	green LED 60110 VDC w.prot.diode 1)	2-1419152-3
RPM L0 730	red LED 110230 VAC	0-1393161-8
RPM G0 730	green LED 110230 VAC	2-1419152-5
1) Standard polari	ity: A1:+, A2:-	



RP 78 600 pinning 2.5 mm

F0123-A

F0137-A

S0322-AE

Socket with PCB terminals

Approvals

c \$1 us E135149

Technical data	RP 78 600
Rated current	12 A
Rated voltage / max.switching voltage AC	240/400 VAC
Dielectric strength coil-contact circuit	4000 V _{rms}
Clearance / creepage coil-contact circuit	≥ 4/4 mm
Material group of insulation parts	≥ IIIa
Insulation to IEC 60664-1	

Type of insulation coil-contact circuit basic open contact circuit functional 250 V Rated insulation voltage Pollution degree 230/400 V Rated voltage system Overvoltage category
RoHS - Directive 2002/95/EC Ш compliant IP20 Degree of protection DIN 40050 Ambient temperature range -40...+80°C Terminals pcb Insertion cycles
Max. Insertion Force total A (10) 100 Ń Mounting distance 0, dense packing Resistance to soldering heat 270°C / 10 s Weight 3 g Packaging unit 100 pcs

			Ø1,5
31,0			10.8
*	12,7	4,8 4,8	- * - +++++

Socket with PCB terminals		
Туре		Part Number
RP 78 600	Socket with PCB terminals, pinning 2.5 mm	8-1393234-3

Accessories for RP 78 600		
RP 16 100	Plastic retaining clip	1-1393161-7
RP 28 500	Metal retaining clip	1-1393161-9

change.