

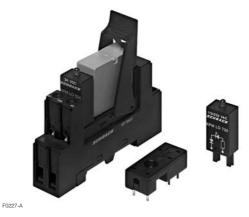
General Purpose Relays



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



Socket with screw-type terminals for DIN-rail mounting

RP 78 623 pinning 2.5 mm

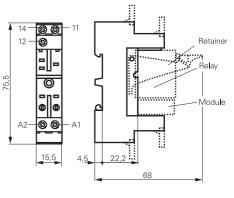
Approvals

R 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	\geq 4/4 mm
Material group of insulation parts	≥ Illa
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	
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 Ń
Mounting distance	0, dense packing
Weight	31 g
Packaging unit	10 pcs



F0118-A



S0321BF

1

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 Type Part Number RP 16 104 Plastic retaining clip 1-1393161-8 RY 16 040 Marking tag 6-1393161-8

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

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

Specifications subject to change.



General Purpose Relays



Electronics

Accessories PCB Relay Card Relay E (Continued)

LED- and Protection Modules for RP 78 623 Easy insertion of module into the socket

Wiring in parallel to the coil

winning in parane		
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 pola	arity: A1:+, A2:-	
	·	

Socket with PCB terminals

Approvals

cFUus E135149

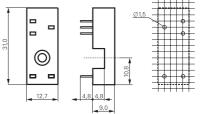
Technical data	RP 78 600
Rated current	12 A
Rated voltage / max.switching voltage AC	240/400 VAC
Dielectric strength coil-contact circuit	4000 Vms
Clearance / creepage coil-contact circuit	$\geq 4/4 \text{ mm}$
Material group of insulation parts	<u>≥ 4/4 mm</u> ≥ Illa
Insulation to IEC 60664-1	= 111d
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	200/400 V
RoHS - Directive 2002/95/EC	compliant
Degree of protection DIN 40050	IP20
Ambient temperature range	-40+80°C
Terminals	pcb
Insertion cycles	A (10)
Max. Insertion Force total	100 N
Mounting distance	0, dense packing
Resistance to soldering heat	270°C / 10 s
Weight	<u> </u>
Packaging unit	

	-
	D
	-
-	

RP 78 600 pinning 2.5 mm

F0137-A

F0123-A



S0322-AE

2

Socket with PCB terminals Type **RP 78 600** Part Number 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	

Datasheet Issued 2005/08 www.tycoelectronics.com www.schrackrelays.com Dimensions are in mm unless otherwise specified and are shown for reference purposes only.

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

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

Specifications subject to change.