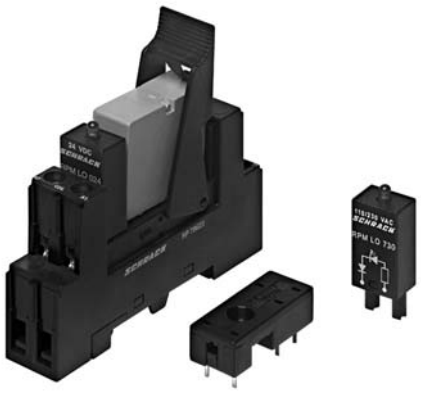
Accessories PCB Relay Card Relay E

- **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**



F0227-A

RP 78 623 pinning 2.5 mm

Socket with screw-type terminals for DIN-rail mounting

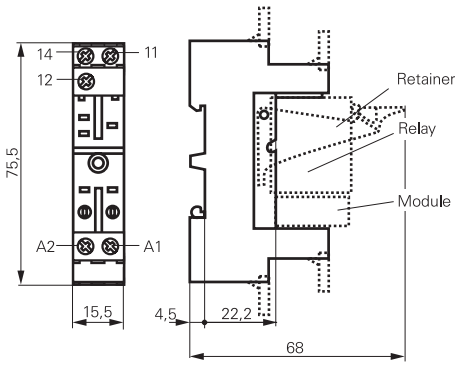
Approvals

cULus 135149



F0118-A

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
Mounting distance	0, dense packing
Weight	31 g
Packaging unit	10 pcs



S0321BF

Socket with screw-type terminals for DIN-rail mounting

Type		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 Rev. EK1
Issued 2005/11
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.

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

Type		Part Number
RPM T0 0A0	Protection diode 1N4007 [1]	1-1393161-1
RPM U0 548	RC-network 24...48 VAC	1-1393161-3
RPM U0 730	RC-network 110...230 VAC	1-1393161-4
LED		
RPM L0 024	red LED 12...24 VDC w.prot.diode [1]	0-1393161-4
RPM G0 024	green LED 12...24 VDC w.prot.diode [1]	0-1393161-3
RPM L0 524	red LED 12...48 VDC / VAC	0-1393161-7
RPM G0 524	green LED 12...48 VDC / VAC	2-1419152-4
RPM L0 110	red LED 60...110 VDC w.prot.diode [1]	0-1393161-6
RPM G0 110	green LED 60...110 VDC w.prot.diode [1]	2-1419152-3
RPM L0 730	red LED 110...230 VAC	0-1393161-8
RPM G0 730	green LED 110...230 VAC	2-1419152-5

[1] Standard polarity: A1:+, A2:-



F0123-A

Socket with PCB terminals

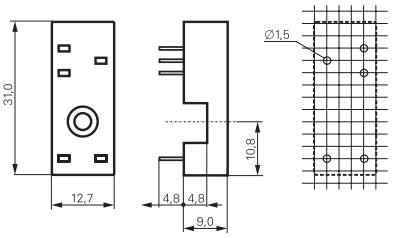
RP 78 600 pinning 2.5 mm

Approvals

cULus 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
Rated insulation voltage	250 V
Pollution degree	2
Rated voltage system	230/400 V
Overvoltage category	III
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	3 g
Packaging unit	100 pcs


F0137-A



S0322-AE

Socket with PCB terminals

Type		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

Datasheet Rev. EK1
Issued 2005/11
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.