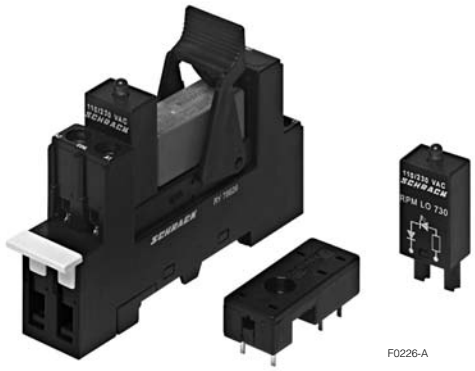
# Accessories Miniature PCB Relay RYII

- **Accessories for Miniature PCB Relay RYII, pinning 3.2 mm**
- **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**
- **Not suitable for MSR-type**



F0226-A

**RY 78 626** pinning 3.2 mm

## RYII Socket with screw-type terminals for DIN-rail mounting

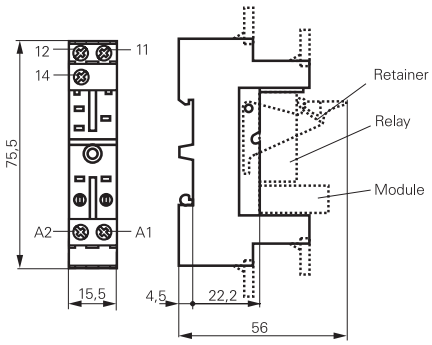
### Approvals

c UL us E135149



F0127-A

| Technical data | RY 78 626 |
|---|---|
| Rated current | 12 A |
| Rated voltage / max.switching voltage AC | 240/400 VAC |
| Dielectric strength coil-contact circuit | 5000 $V_{rms}$ |
| Clearance / creepage coil-contact circuit | ≥ 8/8 mm |
| Material group of insulation parts | ≥ IIIa |
| Insulation to IEC 60664-1 | |
| Type of insulation coil-contact circuit | reinforced |
| 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 cyclesA (10) | A (10) |
| Max. Insertion Force total | 100 N |
| Mounting distance | 0, dense packing |
| Weight | 31 g |
| Packaging unit | 10 pcs |




S0321-BA

### Socket with screw-type terminals for DIN-rail mounting

| Product code | | Part Number |
|---|---|---|
| **RY 78 626** | Socket with screw-type terminals for DIN-rail mounting, pinning 3.2 mm | 7-1393161-8 |

### Accessories for RY 78 626

| | | |
|---|---|---|
| **RY 16 046** | Plastic retaining clip | 7-1393161-1 |
| **RY 16 040** | Marking tag | 6-1393161-8 |



Datasheet Rev. EK1
Issued 2005/11
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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 Miniature PCB Relay RYII (Continued)

## LED- and Protection Modules for RY 78 626

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

## RYII Socket with PCB terminals

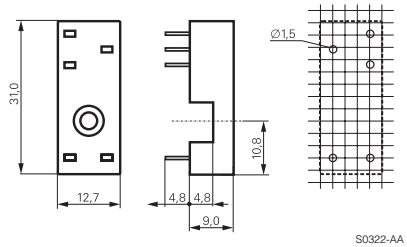
**RY 78 600** pinning 3.2 mm


F0125-A

## Approvals

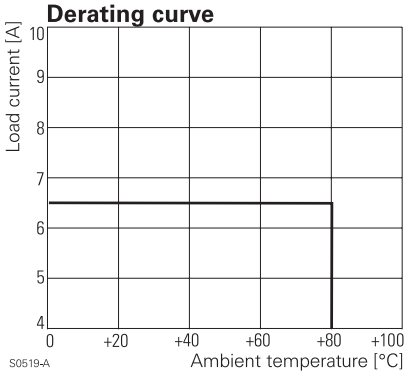
c UL us E135149

| Technical data | RY 78 600 |
|---|---|
| Rated current | 12 A |
| Limiting continuous current | see derating curve |
| Rated voltage / max.switching voltage AC | 240/400 VAC |
| Dielectric strength coil-contact circuit | 5000 $V_{rms}$ |
| Clearance / creepage coil-contact circuit | ≥ 8/8 mm |
| Material group of insulation parts | ≥ IIIa |
| Insulation to IEC 60664-1 | |
| Type of insulation coil-contact circuit | reinforced |
| 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 |



S0322-AA

**Derating curve**



S0519-A

## Socket with PCB terminals

| Type | | Part Number |
|---|---|---|
| **RY 78 600** | Socket with PCB terminals, pinning 3.2 mm | 7-1393161-3 |

## Accessories for RY78600

| | | |
|---|---|---|
| **RY 16 037** | Plastic retaining clip | 6-1393161-5 |



Datasheet Rev. EK1
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## TE Connectivity:

175977-2 2834055-1 3430B2F51RTDF 650075-000 936348-1 TE50BR39J 1969656-1 CPF0402B37K4E1 SBCHE64R7K 141991-2 1743455-2 2310537-1 2380312-2 ROX05SJ18R 1-962915-1 1903112-2 2-292161-3 917696-1 MPT100C18RF RH73H2A40MKTN SMW73R0JT 1-794222-0 3-1393225-0 SBCHE154R7K 2005330-1 CRGCQ2010J3K3 1393431-1 2377783-2 3631B101LL U5254-000005-030PA