

Accessories Power Relay RM

- For RM 2 / 3 pole, 10 / 16 A
- RoHS compliant (Directive 2002/95/EC)



F0237-B

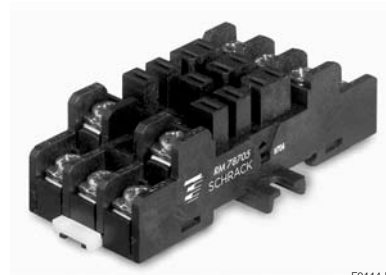
RM Socket with screw-type terminals RM 78 705

Approvals

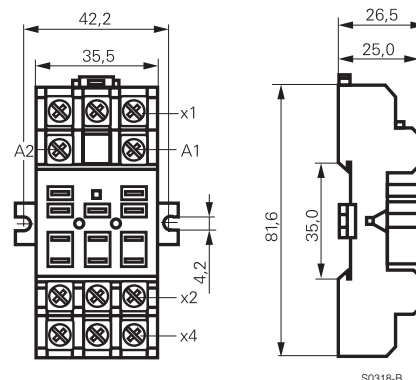
 REG.-Nr. 5333 ÜG-2 (RM 78 704), REG.-Nr. 4003144 in preparation

Technical data

Rated voltage / max. switching voltage AC	250 VAC
Rated current	16 A
Dielectric strength coil-contact circuit	2500 V _{rms}
open contact circuit	1500 V _{rms}
adjacent contact circuits	2500 V _{rms}
Clearance / creepage coil-contact circuit	≥ 4.0/14.9 mm
Material group of insulation parts	IIIa
Insulation to IEC 60664-1	
Type of insulation coil-contact circuit	basic
open contact circuit	functional
adjacent contact circuits	basic
Rated insulation voltage	250 V
Pollution degree	2
Rated voltage system	230 / 400 V
Overvoltage category	III
RoHS - Directive 2002/95/EC	
RM 78 704	compliant as per product date code 0312
RM 78 705	compliant as per product date code 0522
Ambient temperature range	-40...+40°C
Terminals	screw
Terminal screw torque acc. IEC 61984	0.8 Nm
max.	1.2 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	66 g
Packaging unit	100 pcs



F0114-B



S0318-B

Socket with screw-type terminals

Type	Part Number
RM 78 705 Socket with screw-type terminals	2-1393844-5

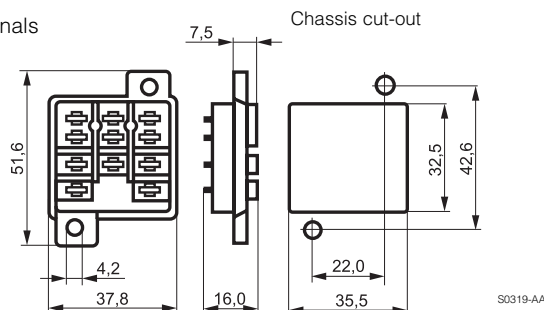
Accessories Power Relay RM (Continued)

RM Sockets for PCB and with solder terminals RM 78 700/701/702

RM 78 700 Socket with quick connect terminals



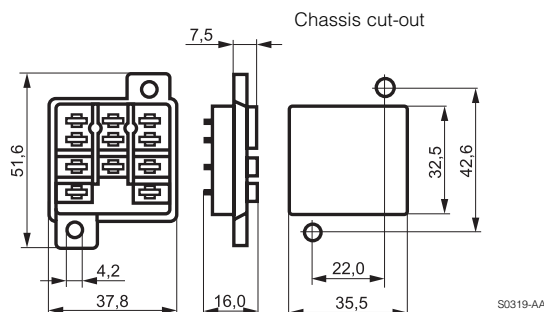
F0110-A



RM 78 701 Socket with solder terminals



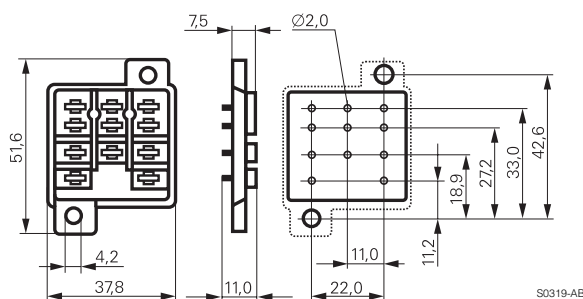
F0111-A



RM 78 702 Socket with PCB terminals



F0112-A



Approvals



Technical data

RM 78 700/701/702

Rated current	10 A
Rated voltage / max. switching voltage AC	240 / 400 VAC
Dielectric strength coil-contact circuit	2500 V _{rms}
open contact circuit	1500 V _{rms}
adjacent contact circuits	2500 V _{rms}
Clearance / creepage coil-contact circuit	≥ 4.0/6.3 mm
Material group of insulation parts	IIIa
Insulation to IEC 60664-1	
Type of insulation coil-contact circuit	basic
open contact circuit	functional
adjacent contact circuits	basic
Rated insulation voltage	250 V
Pollution degree	2
Rated voltage system	230 / 400 V
Overvoltage category	III

Accessories Power Relay RM (Continued)

Technical data (Continued)		RM 78 700/701/702
RoHS - Directive 2002/95/EC		compliant
Ambient temperature range		-40...+70°C
Terminals		pcb, solder terminals
Insertion cycles		A (10)
Max. Insertion Force total		100 N
Mounting distance		≥ 0, dense packing
Resistance to soldering heat		270°C / 10 s
Weight		9 g
Packaging unit		25 pcs

Sockets

Type		Part Number
RM 78 700	Socket with quick connect terminals	1419118-6
RM 78 701	Socket with solder terminals	4-1393149-9
RM 78 702	Socket with PCB terminals	2-1393844-3

Accessories for RM 78 700, RM 78 701, RM 78 702

Type		Part Number
RM 28 802	Metal retaining clip RM	1419118-5