

Accessories Power Relay RM

■ For RM 2/3 pole, 10/16 A

■ RoHS compliant (Directive 2002/95/EC)



42.2

35.5

F0237-B

RM Socket with screw-type terminals RM 78 705

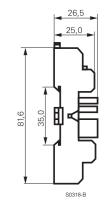
Approvals

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

Toobnical date

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 Vrms	
Clearance / creepage coil-contact circuit	\geq 4.0/14.9 mm	
Material group of insulation parts	Illa	
Insulation to IEC 60664-1		
Type of insulation coil-contact circuit	basic	
open contact circuit	t functional	
adjacent contact ci		
Rated insulation voltage	250 V	
Pollution degree	2	
Rated voltage system	230 / 400 V	
Overvoltage category		
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	\geq 0, dense packing	
Weight	66 g	
Packaging unit	100 pcs	





Socket with screw-type terminals

Type RM 78 705

Socket with screw-type terminals

Part Number 2-1393844-5

Datasheet Rev. IJ1 Issued 2009/10 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

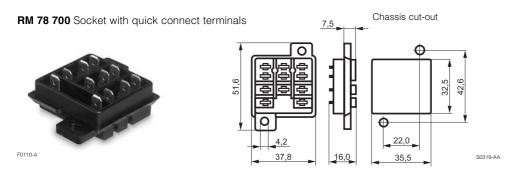
processing information only to be used together with the 'Definitions' section in the catalogue or at schrackrelays.com in the 'Schrack' section.

1

Specifications subject to change.

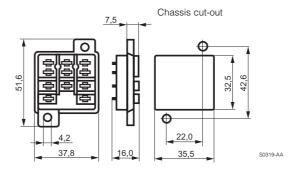
Accessories Power Relay RM (Continued)

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



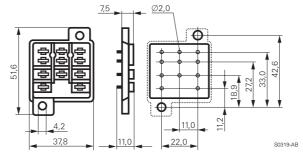
RM 78 701 Socket with solder terminals





RM 78 702 Socket with PCB terminals





Approvals	
c FN us E135149	
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	\geq 4.0/6.3 mm
Material group of insulation parts	Illa
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	

Datasheet Rev. IJ1 Issued 2009/10 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' section in the catalogue or at schrackrelays.com in the 'Schrack' section.

Specifications subject to change.

2

Accessories Power Relay RM (Continued)

Technical data	a (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		\geq 0, dense packing	
Resistance to sc	esistance to soldering heat 270°C / 10 s		
Weight		9 g	
Packaging unit		25 pcs	
Sockets			
Туре		Part Numbe	эr
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		
Туре		Part Number
RM 28 802	Metal retaining clip RM	1419118-5

Datasheet Rev. IJ1 Issued 2009/10 www.tycoelectronics.com www.schrackrelays.com

Specifications subject to change.

3