

Accessories Power Relay RM

■ For RM 2 / 3 pole, 10 / 16 A

■ RoHS compliant (Directive 2002/95/EC)



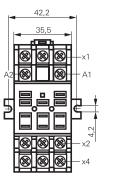
RM Socket with screw-type terminals RM 78 705

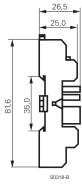
Approvals

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

Technical data

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Rated current	16 A	
Rated voltage / max.switching voltage AC	250 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	≥ 4.0/14.9 mm	
Material group of insulation parts	≥ IIIa	
Insulation to IEC 60664-1		
Type of insulation coil-contact circuit	basic	
open contact circuit	t functional	
adjacent contact cir	rcuits basic	
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	
Degree of protection DIN 40050	IP00	
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 Ń	
Mounting distance	0, dense packing	
Weight	66 g	
Packaging unit	100 pcs	





F0114-A

Socket with screw-type terminals Туре

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

Rev. HC1 Datasheet Issued 2008/03 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.

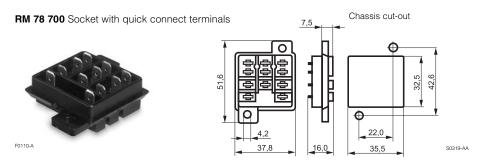
Specifications subject to change.

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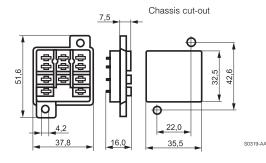
Accessories Power Relay RM (Continued)

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



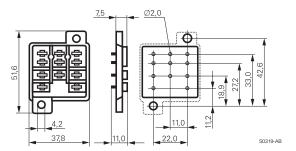
RM 78 701 Socket with solder terminals





RM 78 702 Socket with PCB terminals





Approvals	
c 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	≥ 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	111

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Accessories Power Relay RM (Continued)

Technical data (Continued)	RM 78 700/701/702
RoHS - Directive 2002/95/EC	compliant
Degree of protection DIN 40050	IP20
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		
Туре		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	
Туре		Part Number
RM 28 802	Metal retaining clip RM	1419118-5

Datasheet Rev. HC1 Issued 2008/03 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.

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