

Accessories Power Relay RM

For RM 2 and 3 pole with plain cover and 4,8 mm terminals



RM Socket with screw-type terminals RM 78 705

Technical data	
Rated voltage 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 $\geq 4.0/14.9$ mm	
Material group of insulation parts Illa	
Insulation to IEC 60664-1	
Type of insulation coil-contact circuit basic	
open contact circuit functional	
adjacent contact circuits basic	
Rated insulation voltage 250 V	
Pollution degree 2	
Rated voltage system 230/400 V	
Overvoltage category III	
Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen conte	
refer to the Product Compliance Support Center	
www.te.com/customersupport/rohssupportcent	
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 mm, dense packing	
Weight 66 g	

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



F0114-B



S0318-B

Derating curve RM78705



02-2019, Rev. 0219 www.te.com © 2015 Tyco Electronics Corporation, a TE Connectivity Ltd. company

Packaging unit

Datasheets and product specification according to IEC 61810-1 and to be used only together with the 'Definitions' section.

100 pcs

Datasheets and product data is subject to the terms of the disclaimer and all chapters of the 'Definitions' section, available at http://relays.te.com/definitions

Datasheets, product data, 'Definitions' section, application notes and all specifications are subject to change. 1



Chassis cut-out

42.6

42,6

S0319-AA

S0319-AA

Chassis cut-out

Accessories Power Relay RM (Continued)

RM sockets for PCB and with solder terminals RM 78 700/701/702 7,5 RM 78 700, socket with guick connect terminals Æ O 51.6 32,5 3 Φ 22,0 4.2 F0110-A 37.8 16,0 35,5 7,5 RM 78 701, socket with solder terminals C С 51,6 32.5 \cap Ĥ F0111-A 22,0 4,2 37,8 16,0 35.5 Ø2,0 7,5 RM 78 702, socket with PCB terminals θ O 51,6 0 F0112-A ⊕ 4,2 37,8 22,0

Approvals

UL E135149, CSA 700955

Technical data	RM 78 700/701/702
Rated voltage	240 VAC
Rated current	10 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	≥ 4.0/6.3 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 circ	uits basic
Rated insulation voltage	250 V
Pollution degree	2
Rated voltage system	230/400 V
Overvoltage category	III



Technical data (continued) RM 78 700/701/702

Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at www.te.com/customersupport/rohssupportcenter Ambient temperature range -40...+40°C Terminals pcb. solder terminals

Torrininalo	
Insertion cycles	A (10)
Max. Insertion Force total	100 N
Mounting distance	≥ 0 mm, dense packing
Resistance to soldering heat	270°C/10 s
Weight	9 g
Packaging unit	25 pcs

Sockets

00011010		
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 eavT Part Number

.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1 0.1 1 1 0.1 1 10 01
RM 28 802	Metal retaining clip RM	1419118-5

Datasheets and product data is subject to the terms of the disclaimer and all chapters of the 'Definitions' section, available at http://relays.te.com/definitions

Datasheets, product data, 'Definitions' section, application notes and all specifications are subject to change.

02-2019, Rev. 0219 www.te.com © 2015 Tyco Electronics Corporation, a TE Connectivity Ltd. company

2

Datasheets and product specification according to IEC 61810-1 and to be used only together with the 'Definitions' section.