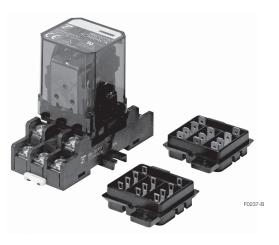


Accessories Power Relay RM

For RM 2 / 3 pole, 10 / 16 A



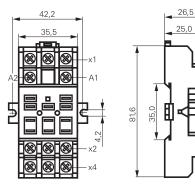
RM Socket with screw-type terminals RM 78 705

Technical data Rated voltage 250 VAC Rated current 16 A Dielectric strength 2500 Vrms coil-contact circuit 2500 Vrms open contact circuit 2500 Vrms adjacent contact circuits 2500 Vrms Clearance / creepage coil-contact circuit 24.0/14.9 mm Material group of insulation parts Illa Insulation to IEC 60664-1 Type of insulation coil-contact circuit basic open contact circuit adjacent contact circuit basic Rated insulation voltage 250 V Pollution degree 2 Rated voltage system 230/400 V		
Rated current 16 A Dielectric strength 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 Illa Insulation to IEC 60664-1 Type of insulation coil-contact circuit open contact circuit basic open contact circuit basic Rated insulation voltage 250 V Pollution degree 2		
Dielectric strength 2500 Vrms open contact circuit 1500 Vrms adjacent contact circuits 2500 Vrms Clearance / creepage coil-contact circuit ≥ 4.0/14.9 mm Material group of insulation parts Illa Insulation to IEC 60664-1 Type of insulation coil-contact circuit open contact circuit basic open contact circuit basic Rated insulation voltage 250 V Pollution degree 2		
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 Illa Insulation to IEC 60664-1 Type of insulation coil-contact circuit open contact circuit basic open contact circuit basic Rated insulation voltage 250 V Pollution degree 2		
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		
adjacent contact circuits 2500 V _{rms} Clearance / creepage coil-contact circuit ≥ 4.0/14.9 mm Material group of insulation parts Illa Insulation to IEC 60664-1 Type of insulation coil-contact circuit open contact circuit basic adjacent contact circuits basic Rated insulation voltage 250 V Pollution degree 2		
Clearance / creepage coil-contact circuit ≥ 4.0/14.9 mm Material group of insulation parts Illa Insulation to IEC 60664-1 basic Type of insulation coil-contact circuit basic open contact circuit functional adjacent contact circuits basic Rated insulation voltage 250 V Pollution degree 2		
Material group of insulation parts Illa Insulation to IEC 60664-1 basic Type of insulation coil-contact circuit basic open contact circuit functional adjacent contact circuits basic Rated insulation voltage 250 V Pollution degree 2		
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		
Type of insulation coil-contact circuitbasicopen contact circuitfunctionaladjacent contact circuitsbasicRated insulation voltage250 VPollution degree2		
open contact circuit functional adjacent contact circuits basic Rated insulation voltage 250 V Pollution degree 2		
adjacent contact circuits basic Rated insulation voltage 250 V Pollution degree 2		
Rated insulation voltage250 VPollution degree2		
Pollution degree 2		
0		
Rated voltage system 230/400 V		
Overvoltage category III		
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 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		
Packaging unit 100 pcs		

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



F0114-B



S0318-B

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Accessories Power Relay RM (Continued)

RM sockets for PCB and with solder terminals RM 78 700/701/702 7,5 Chassis cut-out RM 78 700, socket with guick connect terminals ſ O 51.6 42.6 32,5 르 0 Φ 22,0 4.2 F0110-A 37.8 16.0 35,5 S0319-AA 7,5 RM 78 701, socket with solder terminals Chassis cut-out C С 51,6 42,6 32.5 C Œ F0111-A 22,0 4,2 37,8 16,0 35.5 S0319-AA RM 78 702, socket with PCB terminals Ø2,0 7,5 Φ O 51,6 c**RL**us 0 F0112-A ⊕ 1,2 4,2 37,8 22,0 S0319-AB Technical data (continued) RM 78 700/701/702 Approvals UL E135149, CSA 700955 Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at www.te.com/customersupport/rohssupportcenter RM 78 700/701/702 **Technical data** Ambient temperature range -40...+40°C Rated voltage 240 VAC Terminals pcb, solder terminals Rated current 10 A A (10) Insertion cycles Dielectric strenath Max. Insertion Force total 100 N 2500 V_{rms} coil-contact circuit Mounting distance ≥ 0 mm, dense packing open contact circuit 1500 V_{rms} Resistance to soldering heat 270°C/10 s adjacent contact circuits 2500 V_{rms} Weight 9 g Clearance / creepage coil-contact circuit ≥ 4.0/6.3 mm Packaging unit 25 pcs Material group of insulation parts Illa Insulation to IEC 60664-1 Type of insulation coil-contact circuit Sockets basic open contact circuit functional Part Number Type RM 78 700 adjacent contact circuits 1419118-6 Socket with quick connect terminals basic Rated insulation voltage 250 V RM 78 701 Socket with solder terminals 4-1393149-9 Pollution degree 2 RM 78 702 Socket with PCB terminals 2-1393844-3 Rated voltage system 230/400 V Overvoltage category Ш Accessories for RM 78 700, RM 78 701, RM 78 702 Туре Part Number RM 28 802 Metal retaining clip RM 1419118-5

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

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TE Connectivity: 1419118-5 RM28802