

## **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 <sub>rms</sub> open contact circuit   1500 V <sub>rms</sub> adjacent contact circuits   2500 V <sub>rms</sub> 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 <sub>rms</sub> open contact circuit   1500 V <sub>rms</sub> adjacent contact circuits   2500 V <sub>rms</sub> 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 <sub>rms</sub> adjacent contact circuits 2500 V <sub>rms</sub> 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 <sub>rms</sub> 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 <sup>2</sup>		
fine wire 2 x 2.5 mm <sup>2</sup>		
with bootlace crimp (DIN 46228/1) 2 x 1.5 mm <sup>2</sup>		
Insertion cycles A (10)		
Max. Insertion Force total 100 N		
Mounting distance $\geq 0$ 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

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

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

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



## 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<sub>rms</sub> coil-contact circuit Mounting distance ≥ 0 mm, dense packing open contact circuit 1500 V<sub>rms</sub> Resistance to soldering heat 270°C/10 s adjacent contact circuits 2500 V<sub>rms</sub> 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

04-2015, Rev. 0415 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. Datasheets and product data is subject to the terms of the disclaimer and all chapters of the 'Definitions' section, available at <a href="http://relays.te.com/definitions">http://relays.te.com/definitions</a>

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