



STANDARD POWER RELAYS



✓ Active

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TE CONNECTIVITY (TE)
0410 83 050 001WG

Schrack | 410 83

8-1415536-7

TE Internal Number: 8-1415536-7
 Alias ID: 41083050001WG

[Always EU RoHS/ELV Compliant](#)

Contact Current Rating (A) **16**

Coil Power Rating (DC) (mW) **360**

Insulation Clearance Class **5 – 8mm**

Insulation Creepage Class **5.5 – 8mm**

Terminal Type **PCB-THT, Quick Connect**

CAD Files

[3D PDF](#)

PDF
 3D

[Customer View Model](#)

2D_DXF.ZIP
 English

[Customer View Model](#)

3D_IGS.ZIP
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[Customer View Model](#)

3D_STP.ZIP
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Catalog Pages/Data Sheets

[Power Relay 41083 3mm](#)

PDF
 English

Product Specifications

Product Specification

[Definitions Relays](#)

PDF
 English

Please review product documents or [contact us](#) for the latest agency approval information.

Product Type Features

Product Type

Relay

Electrical Characteristics

Coil Power Rating (DC) (mW)	360
Insulation Creepage Class	5.5 – 8mm
Coil Voltage Rating (VDC)	12
Contact Voltage Rating (VAC)	250

Contact Switching Voltage (Max) (VAC)	400
Contact Limiting Breaking Current (A)	16
Coil Special Features	UL Coil Insulation Class F
Contact Limiting Continuous Current (A)	16
Coil Magnetic System	Monostable, DC
Contact Limiting Short-Time Current (A)	16
Insulation Creepage Between Contact and Coil	8 mm [.315 in]
Coil Resistance (Ω)	400
Contact Limiting Making Current (A)	20
Insulation Initial Dielectric Between Open Contacts (Vrms)	2000
Insulation Initial Dielectric Between Contacts and Coil (Vrms)	4000
Coil Power Rating Class	300 – 400 mW
Insulation Initial Dielectric Between Coil/Contact Class	3500 – 4000 V

Body Features	Insulation Special Features	Tracking Index of Relay Base PTI250
	Weight	24 g [.847 oz]

Contact Features	Contact Current Rating (A)	16
	Terminal Type	PCB-THT, Quick Connect
	Contact Arrangement	1 Form X (NO, Bridging)
	Contact Number of Poles	1
	Contact Material	AgNi
	Contact Current Class	10 – 20 A, Greater Than 16A
	Contact Special Features	3mm Contact Gap

Mechanical Attachment	Mounting Type	Printed Circuit Board
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Dimensions	Insulation Clearance Class	5 – 8mm
	Length Class (Mechanical) (mm)	25 – 30
	Length	29 mm [1.142 in]
	Height Class (Mechanical) (mm)	25 – 30
	Height	28.5 mm [1.122 in]
	Insulation Clearance Between Contact and Coil	8 mm [.315 in]
	Width Class (Mechanical) (mm)	12 – 16
	Width	12.5 mm [.492 in]

Usage Conditions	Environmental Category of Protection	RTII
	Environmental Ambient Temperature (Max)	85 °C [185 °F]
	Environmental Ambient Temperature Class	70 – 85°C


Packaging Features	Packaging Method	Tray, Tray/Box
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Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

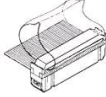


SLIDELATCH KIT
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