



STANDARD POWER RELAYS





















PRODUCT DRAWING English



3D PDF

TE CONNECTIVITY (TE) OZ-SS-112LF,000

OEG | OZ

OZ-SS-112LF,000 TE Internal Number: 1461869-3

Always EU RoHS compliant but not ELV Compliant Find Compliant Alternatives

Contact Current Rating (A) 16

Coil Power Rating (DC) (mW) 540

Insulation Clearance Class 5 – 8mm

Insulation Creepage Class 5.5 – 8mm

Terminal Type **PCB-THT**

Product Drawings

OZ_1T_CLASS-F_CUSTOMER_DWG

PDF **English**

CAD Files

3D PDF

PDF

3D

Customer View Model

2D_DXF.ZIP **English**

Customer View Model

3D_IGS.ZIP **English**

Customer View Model

3D STP.ZIP **English**

Catalog Pages/Data Sheets

OZ_OZT Series Relay Data Sheet - English

PDF **English**

Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Relay Type PCB Relay

Electrical Characteriatics			
Coll Voltage Rating (VDC) 240 Contact Voltage Riting (VAC) 240 Contact Switching Uniting Breating Current (A) 16 Coll Special Features Sensitive Version, UL Coll Insulation Class. Contact Limiting Continuous Current (A) 16 Coll Magnetic System Monostable, DC Contact Limiting Sharri-Time Current (A) 16 Insulation Initial Relations (Mic) 1000 Coll Recidence (Mic) 1000 Coll Recidence (V) 247 Contact Limiting Making Current (A) 16 Contact Switching Load (Min) 1000 Coll Recidence (V) 247 Contact Limiting Making Current (A) 16 Contact Switching Load (Min) 100mA @ 5V Insulation Initial Dielectric Between Open Contacts and Coll (Min) 1000 Coll Power Rating Class 600 - 800 mW Insulation Initial Dielectric Between Contact solution Initial Surge Withstand Voltage between Contact & Coll (Min) 13 (Glid Contact Current (A) 16 Contact Features 1000 - 800 mW Insulation Initial Dielectric Between Contact Switching Load (Min) 13 (Glid Contact Current Rating (A) 16 Coll Power Rating Class 600 - 800 mW Insulation Initial Dielectric Between Contact Switching Load (Min) 13 (Glid Contact Current Rating (A) 16 Contact Features 10000V Initial Surge Withstand Voltage between Contacts & Coll (Min) 13 (Glid Contact Current Rating (A) 16 Contact Features 11 Form C (CO) 1 Contact Naterial Aurangement 1 Form C (CO) 1 Contact Naterial Aged Contact Current Class 10000 10000 10000 10000 100000 10	Electrical Characteristics	Coil Power Rating (DC) (mW)	540
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Contact Limiting Broaking Current (A) Coil Special Features Contact Limiting Continuous Current (A) Coil Magnetic System Monostable, DC Contact Limiting Short-Time Current (A) Insulation Creepage Between Contact and Coil Insulation Initial Resistance (MC) Coil Resistance (G) Coil Resistance (G) Contact Limiting Making Current (A) Insulation Initial Dielectric Between Contact and Coil Insulation Initial Dielectric Between Contact Switching Load (Min) Insulation Initial Dielectric Between Open Contacts (Mins) Insulation Initial Dielectric Between Contacts Minsulation Initial Dielectric Between Contacts Coil Power Rating Class Oil Power Rating Class Oil Power Rating Class Oil Contact Class Insulation Initial Dielectric Between Coil Contact Class Contact Features Insulation Initial Dielectric Between Coil Contact Class Insulation Initial Dielectric Between Coil Contact Current Rating (A) It Is gl. 459 oz l It Is gl. 459 oz l It Form C (CO) Contact Current Rating (A) It Form C (CO) Contact Number of Poles Insulation Initial Contact Current Class In Contact Material Contact Current Class In Contact Than 16A		Contact Voltage Rating (VAC)	240
Coll Special Features Sensitive Version, UL Coll Insulation Class. Contact Limiting Continuous Current (A) 16 Coll Magnetic System Monostable, DC Contact Limiting Short-Time Current (A) 16 Insulation Creepage Between Contact and Coil 8 mm I.315 in I Insulation Initial Resistance (M) 2 1000 Coil Rosistance (9) 267 Contact Limiting Making Current (A) 16 Contact Switching Load (Min) 100mA @ 5V Insulation Initial Dielectric Between Open Contacts (Virus) Insulation Initial Dielectric Between Contacts 5000 and Coil (Virus) Coil Power Rating Class 600 - 800 mW Insulation Initial Dielectric Between Contacts Coil Contact Class Body Features Insulation Special Features 10000V Initial Surge Withstand Voltage between Contacts & Coil Weight 13 g [.459 oz.] Contact Foatures Contact Current Rating (A) 16 Terminal Type PCB-THT Contact Arrangement 1 Form C (CO) Contact Number of Poles 1 Contact Material AgCdO Contact Current Class 10 - 20 A, Greater Than 16A		Contact Switching Voltage (Max)	240 VAC [24 VDC]
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Insulation Initial Resistance (MQ) 1000 Coil Resistance (Q) 267 Contact Limiting Making Current (A) 16 Contact Switching Load (Min) 100mA @ 5V Insulation Initial Dielectric Between Open Contacts (Yrms) 1000 Insulation Initial Dielectric Between Contacts on Coil (Yrms) 2000 Insulation Initial Dielectric Between Contacts 5000 Insulation Initial Dielectric Between Contacts on Coil (Yrms) 4000V Coil Power Rating Class 600 – 800 mW Insulation Initial Dielectric Between Contacts on Coil (Yrms) 4000V Coil Power Rating Class 6000 – 800 mW Insulation Initial Dielectric Between Contacts 8000 on Coil (Yrms) 1000V Insulation Initial Dielectric Between 10000V Initial Surge Withstand Voltage between Contacts & Coil 13 g [.459 oz] Contact Current Rating (A) 16 Terminal Type PCB-THT Contact Arrangement 1 Form C (CO) Contact Number of Poles 1 Contact Material AgCdO Contact Current Class 10 – 20 A, Greater Than 16A		Coil Magnetic System	Monostable, DC
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Insulation Initial Dielectric Between Coil/Contact Class Insulation Special Features 10000V Initial Surge Withstand Voltage between Contacts & Coil			5000
Body Features Insulation Special Features Insulation Special Features 10000V Initial Surge Withstand Voltage between Contacts & Coil Weight 13 g [.459 oz] Contact Features Contact Current Rating (A) Terminal Type PCB-THT Contact Arrangement 1 Form C (CO) Contact Number of Poles 1 Contact Material AgCdO Contact Current Class 10 – 20 A, Greater Than 16A		Coil Power Rating Class	600 – 800 mW
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Contact Number of Poles Contact Material AgCdO Contact Current Class 10 – 20 A, Greater Than 16A		Terminal Type	PCB-THT
Contact Material Contact Current Class AgCdO 10 – 20 A, Greater Than 16A		Contact Arrangement	1 Form C (CO)
Contact Current Class 10 – 20 A, Greater Than 16A		Contact Number of Poles	1
		Contact Material	AgCdO
Mechanical Attachment Mounting Type Printed Circuit Board		Contact Current Class	10 – 20 A, Greater Than 16A
	Mechanical Attachment	Mounting Type	Printed Circuit Board

Dimensions	Insulation Clearance Class	5 – 8mm
	Length Class (Mechanical) (mm)	25 – 30
	Length	29.21 mm [1.15 in]
	Height Class (Mechanical) (mm)	20 – 25
	Height	20.6 mm [.811 in]
	Insulation Clearance Between Contact and Coil	5.5 mm [.217 in]
	Width Class (Mechanical) (mm)	12 – 16
	Width	12.8 mm [.504 in]
Usage Conditions	Environmental Category of Protection	RTII
	Environmental Ambient Temperature (Max)	70 °C [158 °F]
	Environmental Ambient Temperature Class	50 – 70°C
Packaging Features	Packaging Method	Box/Carton
Product Compliance	Statement of Compliance	

VIEW ALL PRODUCT COMPLIANCE