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> Part Number > APAN3118

English (Asia Pacific)

NEW APAN3118 | PA-N Relays

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Product Number **APAN3118** [+ Favorite](#)

Part Number **APAN3118**

Product name **PA-N Relays**

Features **1 Form A 5A slim power relay complies with IEC61010 reinforced insulation**

*Photo may vary from actual product.

[RoHS compliant](#)
[Lead Free](#)

[Dimensions](#)
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Spec Detail

As of April 29, 2016

Item	Specifications
Product Number	APAN3118
Part Number	APAN3118
Protective construction	Sealed Type
Terminal shape	PC board through hole terminal
Contact arrangement	1 Form A (Bifurcated)
Contact resistance (Initial)	Max.30m (By voltage drop 6 V DC 1A)
Contact material	AgNi type + Au
Nominal switching capacity (Resistive load)	5A 250V AC, 5A 30V DC
Contact carrying power (Resistive load)	1,250VA, 150W
Max. switching voltage	250V (AC), 110V (DC) (0.4A)
Max. switching current	5A (AC, DC)
Nominal coil voltage	18V DC
Pick-up voltage	70%V or less of nominal voltage (Initial)
Drop-out voltage	5%V or more of nominal voltage (Initial)
Nominal operating current [±10%] (at 20°C 68°F)	6.1mA
Coil resistance [±10%] (at 20°C 68°F)	2,945

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Information on Compliance with Standards			
Standard Name	Status	Information on Compliance	
UL/C-UL	Approval	File No.	E43149
		Rating	5A 250V AC Resistive 40°C 50,000cycles 5A 250V AC Resistive 90°C 10,000cycles 5A 30V DC General use 40°C 50,000cycles 5A 30V DC 3A 250V AC General use 90°C 10,000cycles 3A 250V AC Resistive 40°C 100,000cycles 3A 30V DC General use 40°C 100,000cycles B300, R300 Pilot Duty 40°C 6,000cycles Insulation distance(between contact and coil) Clearance distance:5.29mm Creepage distance:5.35mm
		Remarks	E479891 Class I, Division2, Groups A, B, C, D Hazardous Location (ANSI/ISA 12.12.01-2015, CAN/CSA C22.2 No.213-15)
		Last update	December 21, 2015
CSA	N/A	File No.	-

Standard Name	Status	Information on Compliance	
		Rating	-
		Remarks	CSA standard certified by C-UL
		Last update	December 21, 2015
TUV	Approval	File No.	B 16 01 13461 348
		Rating	5A 250V AC (cos =1.0) 40°C 50,000cycles 5A 250V AC (cos =1.0) 90°C 10,000cycles 5A 30V DC (0ms) 40°C 50,000cycles 5A 30V DC (0ms) 90°C 10,000cycles 3A 250V AC (cos =1.0) 40°C 100,000cycles 3A 30V DC (0ms) 40°C 100,000cycles Insulation distance (between contact and coil) Clearance distance: 5.29mm Cleeepage distance: 5.35mm
		Remarks	-
		Last update	January 7, 2016

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Mark on products*	
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* The "Mark on products" field shows the standards' certificate type marked to products. Note that not all certified products have a certificate mark affixed to them.



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[Accessories \(Option\)](#)

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Accessories (Option)

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Product Number	PA1a-PS	Product Number	PA1a-PS-H
Part Number	APA831	Part Number	APA832
Product	PA Relay Standard type terminal socket	Product	Self clinching type terminal socket
Product name	PC board socket	Product name	Self clinching type terminal socket

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Easy to understand : ☐ yes ☐ no
 Easy to find the information you need : ☐ yes ☐ no
 Practical for your work : ☐ yes ☐ no

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