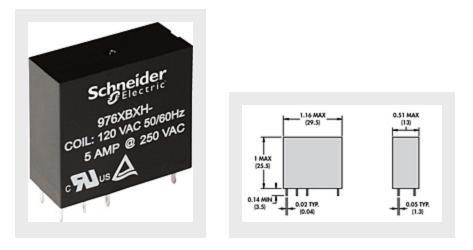


**Schneider Electric Relays** 

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## ITEM # 976XBXH-120A, SLIM-LINE PCB RELAY / DPDT, 5 AMP RATED

Less than 1 cubic inch



## <u>SPECIFICATIONS | CONTACT CHARACTERISTICS | COIL CHARACTERISTICS | PERFORMANCE CHARACTERISTICS | ENVIRONMENT |</u> <u>PRODUCT CERTIFICATIONS</u>

Check Distributor Inventory
0.60 oz 17 g
<ul> <li>WARNING: This product can expose you to chemicals including:</li> <li>Substance 1: Nickel compounds, which is known to the State of California to cause cancer.</li> <li>Substance 2: DIDP, which is known to the State of California to cause birth defects or other reproductive harm.</li> <li>For more information go to www.p65warnings.ca.gov</li> </ul>
5 A

DPDT

Silver Alloy

Contact Materials

**Contact Configuration** 

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Coll Resistance (Ohms)     5600 Ohm       Nominal Input Voltage     120 VAC 50/60 Hz       Operating Range - % of Nominal (DC)     85 to 110 %       Average Consumption (AC / VA)     1.20 VA       Average Consumption (DC / W)     0.53 W       Drop-out Voltage Threshold (AC)     0 %       Prop-out Voltage Threshold (AC)     10 %       Prop-out Voltage Threshold (AC)     10 %       Proformance Characteristics     -       Fleetrical Life, Operations at Rated Current Resistive)     1000000       Oporating Time (Response Time)     15 ms       Disconserting Time (Response Time)     100000 V(rms) 5000 V(rms)       Environment     -       Ambient Air Temperature around the Device - Operation     40 to +85 °C       Ambient Air Temperature around the Device - Operation     3 g-n at 10-55 Hz       Nota Resistance - Operational     10 g-n		10/30/2019   Page 2 of
Coll Characteristics         -           Coll Resistance (Ohms)         5600 Ohm           Nominal Input Voltage         120 VAC 50/60 Hz           Operating Range -% of Nominal (DC)         8510 10 %           Average Consumption (AC / VA)         120 VAC 50/60 Hz           Average Consumption (AC / VA)         0.53 W           Porp-out Voltage Threshold (AC)         0.53 W           Porp-out Voltage Threshold (AC)         10 %           Performance Characteristics         -           Electrical Life, Operation at Rated Current         100000           Mechanical Life, Unprovered         100000 V(rms)           Operating Time (Response Time)         15 ms           Storeage         -           Ambient Air Temperature around the Device         -           Anbient Air Temperature around the Device         -           Storeage         -           Anbient Air Temperature around the Device         -           Anbient Air Temperature around the Device         -           Anbient Air Temperature around the Device         -           Storeage         -           Product Certifications         -           Product Certifications         -           Product Certifications         Ur	Switching Voltage (AC, Resistive)	5 A at 240 VAC 50/60 Hz
Coll Resistance (Ohms)     5600 Ohm       Nominal Input Voltage     120 VAC 50/60 Hz       Operating Range -% of Nominal (DC)     85 to 110 %       Average Consumption (AC / VA)     1.20 VA       Average Consumption (DC / W)     0.53 W       Drop-out Voltage Threshold (AC)     30 %       Drop-out Voltage Threshold (DC)     10 %       Performance Characteristics     -       Electrical Life, Operations at Rated Current (Resistive)     1000000       Operating Time (Response Time)     1000000       Operating Time (Response Time)     10000 (rms)       Electrical Life, Unpowered     0000000       Operating Time (Response Time)     10000 (rms)       Ambient Air Temperature around the Device - Operation     40 to +85 °C       Ambient Air Temperature around the Device - Operation     9:n at 10:65 Hz       Vibration Resistance - Operational     3:g n at 10:65 Hz       Product Certifications     -       Product Certifications     UL (E191122) RUW Risi	Switching Voltage (DC, Resistive)	5 A at 30 VDC
Nominal Input Voltage         120 VAC 50/60 Hz           Operating Range - % of Nominal (DC)         56 to 110 %           Average Consumption (AC / VA)         1.20 VA           Average Consumption (DC / W)         0.53 W           Drop- out Voltage Threshold (AC)         0 %           Drop-out Voltage Threshold (AC)         10 %           Performance Characteristics         -           Electrical Life, Operations at Rated Current         1000000           Monthal Life, Unpowered         1000000           Operating Time (Response Time)         15 ms           Electrical Life, Operations at Rated Current         -           Arbeint Air Tomperature around the Device         -           Ambient Air Tomperature around the Device         -           Arbeint Air Tomperature around the Device         -           Brock Resistance - Operational	Coil Characteristics	-
Operating Range - % of Nominal (DC)         85 to 110 %           Average Consumption (AC / VA)         1.20 VA           Average Consumption (DC / W)         0.53 W           Drop-out Voltage Threshold (AC)         30 %           Torp-out Voltage Threshold (DC)         10 %           Performance Characteristics         -           Electrical Life, Opperations at Rated Current (Resistive)         100000           Opporating Time (Rosponse Time)         15 ms           Delectric Strength - Between Poles (AC)         10000 V(rms) soon V(rms) soon V(rms) soon V(rms)           Ambient Air Temperature around the Device (Poperations)         40 to +55 °C           Ambient Air Temperature around the Device (Poperations)         10 g-n           Yibration Resistance - Operational         10 g-n           Product Certifications         U (E <sup>(15)</sup> 1122) UV KRHS	Coil Resistance (Ohms)	5600 Ohm
Average Consumption (AC / VA)1.20 VAAverage Consumption (DC / W)0.53 WDrop-out Voltage Threshold (AC)30 %Drop-out Voltage Threshold (DC)10 %Performance Characteristics-Fectrical Life, Opperations at Rated Current100000Mechanical Life, Unpowered1000000Operating Time (Response Time)15 msDielectric Strength - Between Poles (AC)9000 V(rms)Ambient Air Temperature around the DeviceAmbient Air Temperature around the Device-40 to +55 °CVibration Resistance - Operational3 g-n at 10-55 HizShock Resistance10 g-nProduct Certifications-Agency ApprovalsUL (E191122) UNS	Nominal Input Voltage	120 VAC 50/60 Hz
Avarage Consumption (DC / W)0.53 WDrop-out Voltage Threshold (AC)30 %Drop-out Voltage Threshold (DC)10 %Performance Characteristics-Electrical Life, Operations at Rated Current (Resistive)100000Mechanical Life, Unpowered1000000Operating Time (Response Time)15 msDielectric Strength - Between Poles (AC)0000 V(rms) storageAmbient Air Temperature around the Device - Storage-Ambient Air Temperature around the Device - operation3 g-n at 10-55 HzVibration Resistance - Operations3 g-n at 10-55 HzProduct Certifications-Agency ApprovalsUL (E191122) TUV RHS	Operating Range - % of Nominal (DC)	85 to 110 %
Drop-out Voltage Threshold (AC)       30 %         Prop-out Voltage Threshold (DC)       10 %         Performance Characteristics       -         Flectrical Life, Operations at Rated Current       100000         Mechanical Life, Unpowered       1000000         Operating Time (Response Time)       15 ms         Dielectric Strength - Between Poles (AC)       3000 V(rms)         Ambient Air Temperature around the Device - Operation       -40 to +85 °C         Ambient Air Temperature around the Device - Operation       3 g-n at 10-55 Hz         Shock Resistance       10 g-n         Product Certifications       -         Product Certifications       -         Agency Approvals       Life (191122) UV-Singer	Average Consumption (AC / VA)	1.20 VA
Drop-out Voitage Threshold (DC)       10 %         Performance Characteristics       –         Resistive)       100000         Mechanical Life, Operations at Rated Current (Resistive)       1000000         Operating Time (Response Time)       15 ms         Dielectric Strength - Between Poles (AC)       10000 V(rms) 5000 V(rms)         Environment       40 to +85 °C         Ambient Air Temperature around the Device - Storage       40 to +85 °C         Vibration Resistance - Operational       3 g-n at 10-55 Hz         Shock Resistance       10 g-n         Product Certifications       –         Agency Approvals       UL (E191122) TWR NGB	Average Consumption (DC / W)	0.53 W
Performance Characteristics – Flectrical Life, Operations at Rated Current 1000000 1000000 1000000 1000000 1000000	Drop-out Voltage Threshold (AC)	30 %
Image: Product Certifications       at Rated Current       100000         Mechanical Life, Unpowered       1000000         Operating Time (Response Time)       15 ms         Dielectric Strength - Between Poles (AC)       0000 V(rms) 5000 V(rms)         Environment       -         Ambient Air Temperature around the Device - Storage       -40 to +85 °C         Ambient Air Temperature around the Device - Operation       3 g-n at 10-55 Hz         Yibration Resistance - Operational       3 g-n at 10-55 Hz         Product Certifications       10 g-n	Drop-out Voltage Threshold (DC)	10 %
Incode     Incode       Mechanical Life, Unpowered     1000000       Operating Time (Response Time)     15 ms       Dielectric Strength - Between Poles (AC)     1000 V(rms) 5000 V(rms)       Environment     –       Ambient Air Temperature around the Device - Operation     -40 to +85 °C       Vibration Resistance - Operational     3g-n at 10-55 Hz       Shock Resistance     10 g-n       Produc Certifications     –       UL (E191122) TUV TUV, SHOR     UL (E191122) TUV, SHOR	Performance Characteristics	-
Operating Time (Response Time)       15 ms         Dielectric Strength - Between Poles (AC)       1000 V(rms) s000 V(rms) s000 V(rms)         Environment       -         Ambient Air Temperature around the Device - storage       -40 to +85 °C         Ambient Air Temperature around the Device - operation       -40 to +55 °C         Shock Resistance - Operational       3 g-n at 10-55 Hz         Product Certifications       -10 g-n         Agency Approvals       UL (E191122) TUV HS		100000
Dielectric Strength - Between Poles (AC) 1000 V(rms) 5000 V(rms)   Environment –   Ambient Air Temperature around the Device - Storage -40 to +85 °C   Ambient Air Temperature around the Device - Operation -40 to +55 °C   Vibration Resistance - Operational 3 g-n at 10-55 Hz   Shock Resistance 10 g-n	Mechanical Life, Unpowered	1000000
Detectric Streingth - Between Poiles (AC)     5000 V(rms)       Environment     –       Ambient Air Temperature around the Device - Storage     -40 to +85 °C       Ambient Air Temperature around the Device - Operation     -40 to +55 °C       Vibration Resistance - Operational     3 g-n at 10-55 Hz       Shock Resistance     10 g-n       Product Certifications     –       Agency Approvals     ULL (E191122) TUV ROHS	Operating Time (Response Time)	15 ms
Ambient Air Temperature around the Device       -40 to +85 °C         Ambient Air Temperature around the Device       -40 to +55 °C         Vibration Resistance - Operational       3 g-n at 10-55 Hz         Shock Resistance       10 g-n         Product Certifications       -         Agency Approvals          UL (É191122) TUV Rots	Dielectric Strength - Between Poles (AC)	
- Storage     -40 to +65 °C       Ambient Air Temperature around the Device - Operation     -40 to +55 °C       Vibration Resistance - Operational     3 g-n at 10-55 Hz       Shock Resistance     10 g-n	Environment	-
- Operation       -40 to +55 °C         Vibration Resistance - Operational       3 g-n at 10-55 Hz         Shock Resistance       10 g-n         Product Certifications       -         Agency Approvals       UL (E191122) TUV RoHS		-40 to +85 °C
Shock Resistance 10 g-n   Product Certifications -   Agency Approvals UL (E191122) TUV RoHS		-40 to +55 °C
Product Certifications     –       Agency Approvals     UL (E191122) TUV RoHS	Vibration Resistance - Operational	3 g-n at 10-55 Hz
Agency Approvals UL (E191122) TUV RoHS	Shock Resistance	10 g-n
Agency Approvals     TUV       RoHS	Product Certifications	-
Status Standard	Agency Approvals	TUV
	Status	Standard

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