



**Magnecraft & Struthers-Dunn**  
*Your Contact for Relays*

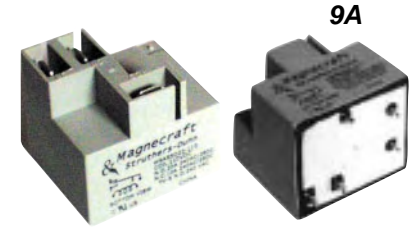
# SECTION 7

**PRINTED CIRCUIT BOARD RELAYS  
1 TO 30 AMPERES**



# PRINTED CIRCUIT BOARD RELAYS

## RELAY SERIES



## FEATURES

	<b>L W H</b> 0.905 x 0.728 x 1.275	<b>L W H</b> 1.30 x 1.08 x 0.805	<b>L W H</b> 1.27 x 1.08 x 1.10
<ul style="list-style-type: none"> <li>● MINIATURE SIZE</li> <li>● ENCLOSED SEE THRU COVER WITH PRINTED CIRCUIT TERMINALS</li> <li>● AC OR DC OPERATION</li> <li>● 5 AMP RESISTIVE OR 3 AMP INDUCTIVE SWITCHING</li> </ul>	<ul style="list-style-type: none"> <li>● EPOXY SEALED IMMERSION CLEANABLE</li> <li>● STANDARD 0.1 GRID PATTERN</li> <li>● CLASS "B" OR "F" INSULATION SYSTEM</li> <li>● MEETS UL 508 &amp; UL 873 SPACING</li> </ul>	<ul style="list-style-type: none"> <li>● EPOXY SEALED IMMERSION CLEANABLE WITH TAPE SEAL</li> <li>● CLASS "F" INSULATION SYSTEM</li> <li>● SPADE TERMINALS ACCEPT INSULATED 1/4" QUICK CONNECT TERMINALS &amp; 3/16" COIL QUICK CONNECT TERMINALS</li> <li>● SEE SECTION 1 FOR FLANGE MOUNT STYLE WITH 1/4" &amp; 3/16" QUICK CONNECT TERMINALS</li> </ul>	

## CONTACT DATA

CONTACT CONFIGURATION:	<b>DPDT</b>	<b>SPST-NO. &amp; SPDT</b>	<b>SPST-NO. &amp; SPDT</b>
CONTACT MATERIAL:	SILVER CADMIUM OXIDE	SILVER CADMIUM OXIDE	SILVER CADMIUM OXIDE

MAX. CONTACT RATING:	3 AMP, 120 VAC., 5 AMP, 120 VAC., 30 VDC	<b>SPST-NO:</b> 30AMP, 240 VAC, 20AMP, 30 VDC <b>SPDT:</b> 20 AMP, 250 VAC (NO), 15 AMP, 240 VAC (NC), 10AMP, 30 VDC	<b>SPST-NO:</b> 30AMP, 240 VAC, 20AMP, 28 VDC <b>SPDT:</b> 30 AMP, 240 VAC, 20AMP, 28 VDC (NO), 15AMP, 240 VAC, 10AMP, 28 VDC (NC),
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## COIL DATA

STANDARD VOLTAGE AC: DC:	24 & 120 VAC 12 & 24 VDC	5, 12, 24 & 110 VDC	5, 12, 24, 48 & 110 VDC
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NOMINAL COIL POWER VA: (VAC) WATTS: (VDC) INSULATION SYSTEM PER	1.2 VA 1.2 WATTS	- 2.8 WATTS MAX.	0.95 VA 2.8 WATTS MAX
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## GENERAL DATA

AMBIENT TEMPERATURE OPERATING:	- 45°C TO +70°C	- 55°C TO +105°C	- 55°C TO +85°C
STORAGE:		- 55°C TO +130°C	- 55°C TO +130°C
DIELECTRIC STRENGTH: (COIL TO FRAME)	1500 V rms	1500 V rms	2500 V rms

LIFE EXPECTANCY ELECTRICAL: MECHANICAL:	100,000 OPERATIONS AC: 50,000,000 & DC:100,000,000 OPERATIONS	100,000 OPERATIONS 10,000,000 OPERATIONS	100,000 OPERATIONS 10,000,000 OPERATIONS
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## AGENCY APPROVALS



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