

HY Series
High Sensitivity Relays

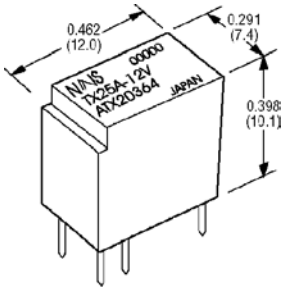
150 mW/200 mW. **Wide Ambient Temperature Range:** -40°C to 70°C. Sealed construction. 1 Form C. **Maximum Switching Power:** 30 W. **Nominal Switching Capacity:** 1 A, 30 VDC. UL, CSA.

High Sensitive, 1 Form C Power Relay

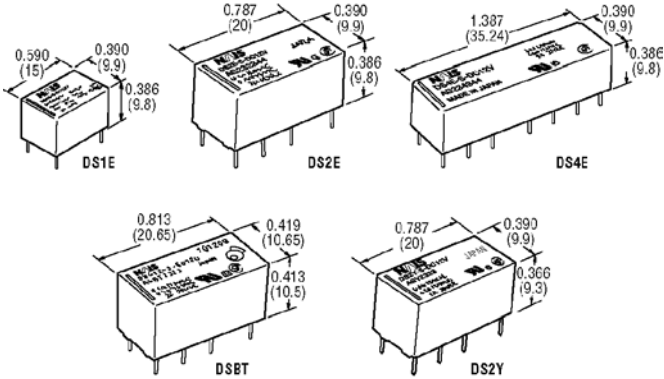
Stock No.	Mfr.'s Type	Volts (DC)	Coil (Ω)	EACH	
				1-49	50-99
788-0010	HY1-5V	5	166	2.92	2.39
788-0020	HY1-9V	9	540	2.92	2.39
788-0030	HY1-12V	12	960	2.92	2.39
788-0040	HY1-24V	24	3840	3.67	3.00

1 Form C Power Relay

Stock No.	Mfr.'s Type	Volts (DC)	Coil (Ω)	EACH	
				1-49	50-99
788-0050	HY1Z-5V	5	125	2.67	2.19
788-0060	HY1Z-9V	9	405	2.67	2.19
788-0070	HY1Z-12V	12	720	2.67	2.19
788-0080	HY1Z-24V	24	2880	3.24	2.65



DS Series 2 Amp Sensitive Miniature Relays



High Voltage Breakdown: Between contacts — 1500 V FCC surge; Between open contacts — 1000 VAC; Type DS1E-S — 500 VAC. **Switching Power:** 50 W, 1 VA. **Switching Voltage:** 220 VDC, 250 VAC. Amber seal (E). **Ambient Temperature:** -40°C to +70°C. UL/CSA. 1 Form C, 2 Form C, 4 Form C.

Single Side Stable, 1 Form C

Stock No.	Mfr.'s Type	Volts (DC)	Coil (Ω)	Power (mW)	EACH	
					1-49	50-99
788-1050	DS1E-M-DC5V	5	62.5	400	4.67	3.27
788-1232	DS1E-M-DC9V	9	203.0	400	4.67	3.27
788-1046	DS1E-M-DC12V	12	360.0	400	5.12	3.60
788-1049	DS1E-M-DC24V	24	1440.0	400	5.15	3.16
788-1333	DS1E-M-DC48V	48	5760.0	400	5.92	4.14
788-1052	DS1E-S-DC5V	5	125.0	200	6.56	4.59
788-1051	DS1E-S-DC12V	12	405.0	200	6.79	4.75
788-1337	DS1E-S-DC24V	24	2880.0	200	6.56	4.59

2 Coil Latching, 1 Form C

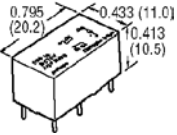
788-1334	DS1E-ML2-DC5V	5	69.4	360	5.19	3.64
788-1335	DS1E-ML2-DC12V	12	400.0	360	5.19	3.64
788-1336	DS1E-ML2-DC24V	24	1600.0	360	7.07	4.96
788-1338	DS1E-SL2-DC5V	5	139.0	180	7.07	4.96
788-1339	DS1E-SL2-DC12V	12	800.0	180	6.73	4.71
788-1340	DS1E-SL2-DC24V	24	3200.0	180	7.07	4.95

Single Side Stable, 2 Form C

788-1056	DS2E-M-DC5V	5	62.5	400	3.24	2.26
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DSP Series Miniature PC Mount Power Relays

High Switching Capacity: 1A — 8 A 250 VAC, 1a1b; 2A — 5 A 250 VAC. **High Sensitivity:** 190 mW pick-up power. **High Breakdown Voltage:** 3000 Vrms between contacts and coil, 1000 Vrms between open contacts (meeting FCC Part 68).



1 Form A, 1 Form B, Single Side Stable

Stock No.	Mfr.'s Type	Volts (DC)	Nominal Current (mA)	Coil (Ω)	EACH	
					1-49	50-99
788-1077	DSP1-DC5V	5	60.0	83	6.95	4.87
788-1075	DSP1-DC12V	12	25.0	480	6.95	4.87
788-1076	DSP1-DC24V	24	12.5	1920	7.29	5.11

1 Form A, 1 Form B, 2 Coil Latching

788-1099	DSP1-L2-DC12V	12	25.5	480	7.35	5.15
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1 Form A Contact, Single Side Stable

788-1179	DSP1A-DC5V	5	60.0	83	6.17	4.32
788-1180	DSP1A-DC9V	9	33.3	270	6.17	4.32
788-1181	DSP1A-DC12V	12	25.0	480	6.17	4.32
788-1182	DSP1A-DC24V	24	12.5	1920	6.17	4.32

Single Side Stable, 2 Form C (Continued)

Stock No.	Mfr.'s Type	Volts (DC)	Coil (Ω)	Power (mW)	EACH	
					1-49	50-99
788-1341	DS2E-M-DC9V	9	203.0	400	3.24	2.26
788-1053	DS2E-M-DC12V	12	360.0	400	3.23	2.27
788-1054	DS2E-M-DC24V	24	1440.0	400	3.24	2.26
788-1055	DS2E-M-DC48V	48	5760.0	400	4.06	2.84
788-1062	DS2E-S-DC5V	5	125.0	200	4.03	2.82
788-1342	DS2E-S-DC6V	6	180.0	200	4.03	2.82
788-1343	DS2E-S-DC9V	9	405.0	200	4.03	2.82
788-1060	DS2E-S-DC12V	12	720.0	200	4.03	2.82
788-1061	DS2E-S-DC24V	24	2880.0	200	4.03	2.82
788-1344	DS2E-S-DC48V	48	11520.0	200	5.47	3.83

2 Coil Latching, 2 Form C

788-1059	DS2E-ML2-DC5V	5	69.4	360	3.87	2.71
788-1057	DS2E-ML2-DC12V	12	400.0	360	3.87	2.71
788-1058	DS2E-ML2-DC24V	24	1600.0	360	3.87	2.71
788-1345	DS2E-SL2-DC5V	5	139.0	180	4.75	3.32
788-1346	DS2E-SL2-DC12V	12	800.0	180	4.75	3.32
788-1347	DS2E-SL2-DC24V	24	3200.0	180	4.75	3.32
788-1348	DS2E-SL2-DC48V	48	12800.0	180	5.69	3.98

Single Side Stable, 4 Form C

788-1071	DS4E-M-DC5V	5	62.5	400	6.62	4.63
788-1068	DS4E-M-DC12V	12	360.0	400	6.62	4.63
788-1069	DS4E-M-DC24V	24	1440.0	400	6.62	4.63
788-1070	DS4E-M-DC48V	48	5760.0	400	7.32	5.13
788-1073	DS4E-S-DC5V	5	125.0	200	7.84	5.49
788-1236	DS4E-S-DC9V	9	405.0	200	7.84	5.49
788-1072	DS4E-S-DC12V	12	720.0	200	7.84	5.49
788-1237	DS4E-S-DC24V	24	2880.0	200	7.84	5.49

2 Coil Latching, 4 Form C

788-1234	DS4E-ML2-DC5V	5	69.4	360	7.50	5.25
788-1233	DS4E-ML2-DC12V	12	400.0	360	7.50	5.25
788-1235	DS4E-ML2-DC24V	24	1600.0	360	7.50	5.25
788-1238	DS4E-SL2-DC5V	5	139.0	180	8.76	6.14
788-1239	DS4E-SL2-DC12V	12	800.0	180	8.76	6.14
788-1240	DS4E-SL2-DC24V	24	3200.0	180	8.76	6.14
788-1241	DS4E-SL2-DC48V	48	12800.0	180	10.22	7.15

DS-BT Series BABT Approved DS Relays, 2 Form C

788-1074	DSBT2-S-DC5V	5	69.5	360	9.79	6.85
788-1242	DSBT2-S-DC24V	24	1600.0	360	9.79	6.85

DS2Y Series Highly Sensitive Miniature Relays, 2 Form C

788-1065	DS2Y-S-DC5V	5	125.0	200	2.63	1.85
788-1063	DS2Y-S-DC12V	12	720.0	200	2.63	1.85
788-1064	DS2Y-S-DC24V	24	2880.0	200	2.72	1.90

2 Form A Contact, Single Side Stable

Stock No.	Mfr.'s Type	Volts (DC)	Nominal Current (mA)	Coil (Ω)	EACH	
					1-49	50-99
788-1184	DSP2A-DC5V	5	60.0	83	6.84	4.78

2 Form A Contact, Single Side Stable

788-1184	DSP2A-DC5V	5	60.0	83	6.84	4.78
788-1078	DSP2A-DC12V	12	25.0	480	6.84	4.78
788-1185	DSP2A-DC24V	24	12.5	1920	6.84	4.78

2 Form A Contact, 2 Coil Latching

788-1186	DSP2A-L2-DC12V	12	25.5	480	7.63	5.34
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Sockets for DSP Relays

Stock No.	Mfr.'s Type	Description	EACH	
			1-49	50-99
788-1187	DSP1A-PS	For DSP1A Series	2.57	1.81
788-1188	DSP1A-PSL2	For DSP1A Latching Series	3.00	2.10
788-1189	DSP2A-PS	For DSP2A Series	3.52	2.47
788-1190	DSP2A-PSL2	For DSP2A Latching Series	3.76	2.63