

DYN series industrial DPDT plug-in relay



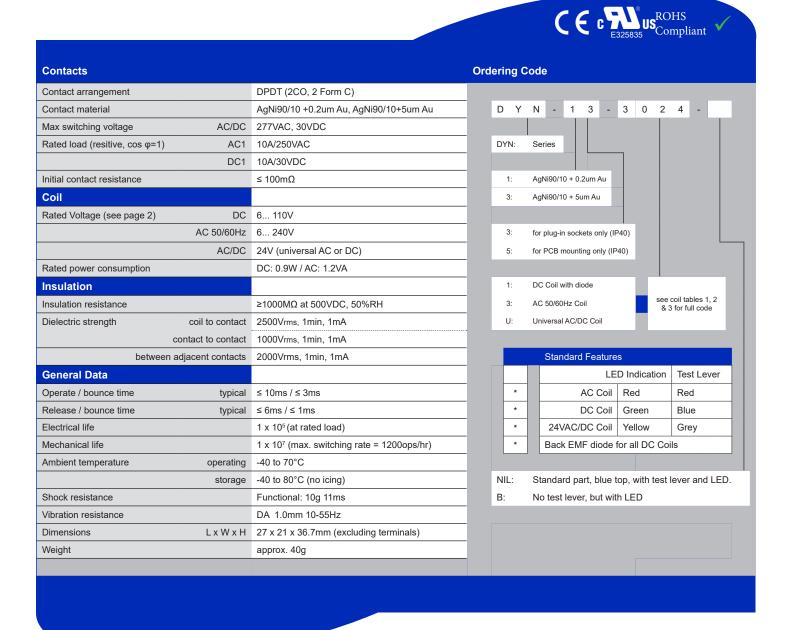
Integral LED (Red for AC, Green for DC coils).

Universal 24VAC/DC coil version (Yellow LED).

Locking Test Lever standard

Back EMF Diode standard for DC Coils.

Welded internal connections for greater reliability.







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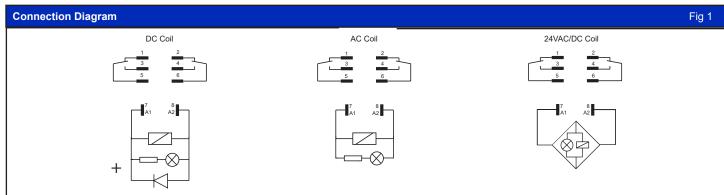
Dimensions in mm

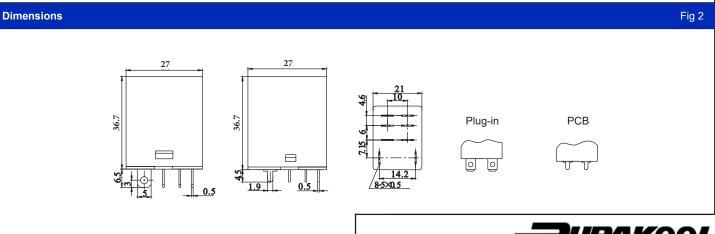


Coil Data (DC voltage) Green LED Table 1						
Coil Voltage Code	Nominal Voltage (VDC)	Coil Resistance (Ω) ±10% (at 23°C)	Power Consumption (mW)	Must Operate Voltage max. (VDC)	Must Release Voltage min. (VDC)	Max. Allowable Voltage (VDC)
1006	6	40	900	4.5	0.6	6.6
1012	12	160	900	9.0	1.2	13.2
1024	24	640	900	18.0	2.4	26.4
1048	48	2600	900	36.0	4.8	52.8
1110	110	13600	900	82.5	11.0	121.0

Coil Data (AC voltage 50/60Hz) Red LED Table 2						
Coil Voltage Code	Nominal Voltage (VAC)	Coil Resistance (Ω) ±10% (at 23°C)	Power Consumption (VA)	Must Operate Voltage max. (VAC)	Must Release Voltage min. (VAC)	Max. Allowable Voltage (VAC)
3006	6	10	1.2	4.8	1.8	6.6
3012	12	40	1.2	9.6	3.6	13.2
3024	24	158	1.2	19.2	7.2	26.4
3048	48	640	1.2	38.4	14.4	52.8
3110	110	3450	1.2	88.0	33.0	121.0
3120	120	4200	1.2	96.0	36.0	132.0
3230	220/230	15400	1.2	176.0	66.0	242.0
3240	240	16800	1.2	192.0	72.0	264.0

Coil Data (Universal AC/DC Voltage*) Yellow LED						
Coil Voltage Code	Nominal Voltage (VAC or VDC)	Coil Resistance (Ω) ±10% (at 23°C)	Power Consumption (W)	Must Operate Voltage max.	Must Release Voltage min.	Max. Allowable Voltage
U024	24	495.6	0.9	18.0	2.4	26.4
* Bridge rectifier circuit with LED indication. See wiring diagram below.						





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Mounting Sockets for DYN relays Fig 3					
D13F-2Z-C1	Rated voltage: 250VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA46-S250F6 (V1/V0) Contacts spring material: QSn6.5-0.1	2-4.5×6 8.M3.5×8 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.			
D13F-2Z-C2	Options: Steel Wire Hold down spring: JH-006RC	2-4.5×6 7.1			
D13F-2Z-C3	Rated voltage: 250VAC Rated current: 7A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Options: Steel Wire Hold down spring: JH-006RC	25 max 16.6			
D13F-2Z-C4	Rated voltage: 300VAC Rated current: 15A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Options: Steel Wire Hold down spring: JH-36MS-B Plastic Ejector Clip: JH-36PS-A Plug-in Accessory Modules: DM41G-BK Green LED 6/24VDC DM41R-BK Red LED 6/24VDC	27 (a) 127.5 (b) (c) 127.5 (c)	3 9 9 9 9 8		
	DM41R-BK RED LED 6/24VDC DM61G-BK Green LED 6/24VAC/DC with diode DM63G-BK Green LED 110/230VAC/DC DM63R-BK Red LED 110/230VAC/DC DM91G-BK Green LED 6/24VAC/DC with varistor DM93G-BK Green LED 110/230VAC/DC with varistor Other modules upon request.				
Plug-in Modules (for D13F-2Z-C4)		JH-36MS-B (for D13F-2Z-C4)	JH-36PS-A (for D13F-2Z-C4) Dimensions in mm		



