

**DESCRIPTION:** Single Phase Solid State Relay (SSR)

**APPLICATION:** Constant Resistance Loads

Model Number	Fuse Amps	kVA @ Max Rated Volts	Open Chassis Dimensions			Recommended 2 ms Fuse (see Notes 3,4)	Open Chassis List Price
			Inches Height	Inches Width	Inches Depth		
<b>SINGLE POLE, SINGLE PHASE, 120 VAC INPUT, 0-118 VAC OUTPUT, 50/60Hz (ALSO FOR 110/115 VAC INPUT)</b>							
11DZ-1-30N	30	3.6	4.25	2	4.375	49A25-30	69.00
11DZ-1-50N	50	6.0	6 <sup>8</sup>	2.182	7.9	49A50-50	168.00
11DZ-1-80N	80	9.6	9 <sup>8</sup>	2.182	7.9	49A50-80	211.00
11DZ-1-120N	120	14.4	13.125 <sup>8</sup>	2.182	7.9	49A50-120	314.00
11DZ-1-15	15	1.8	3.5	4	2.12	49A25-15	56.00
11DZ-1-30	30	3.6	4.25	4	3.87	49A25-30	64.00
11DZ-1-50	50	6.0	5	4	4.56	49A50-50	157.00
11DZ-1-80	80	9.6	8	4	4.56	49A50-80	211.00
<b>SINGLE POLE, SINGLE PHASE, 240 VAC INPUT, 0-238 VAC OUTPUT, 50/60Hz (ALSO FOR 208/220/230 VAC INPUT)</b>							
11DZ-2-30N	30	7.2	4.25	2	4.375	49A25-30	69.00
11DZ-2-50N	50	12.0	6 <sup>8</sup>	2.182	7.9	49A50-50	168.00
11DZ-2-80N	80	19.2	9 <sup>8</sup>	2.182	7.9	49A50-80	211.00
11DZ-2-120N	120	28.8	13.125 <sup>8</sup>	2.182	7.9	49A50-120	314.00
11DZ-2-15	15	3.6	3.5	4	2.12	49A25-15	56.00
11DZ-2-30	30	7.2	4.25	4	3.87	49A25-30	64.00
11DZ-2-50	50	12.0	5	4	4.56	49A50-50	157.00
11DZ-2-80	80	19.2	8	4	4.56	49A50-80	211.00
<b>SINGLE POLE, SINGLE PHASE, 480 VAC INPUT, 0-478 VAC OUTPUT, 50-60Hz (ALSO FOR 380/415/440 VAC INPUT)</b>							
11DZ-4-30N	30	14.4	4.25	2	4.375	49B70-30	93.00
11DZ-4-50N	50	24.0	6 <sup>8</sup>	2.182	7.9	49A50-50	168.00
11DZ-4-80N	80	38.4	9 <sup>8</sup>	2.182	7.9	49A50-80	211.00
11DZ-4-120N	120	57.6	13.125 <sup>8</sup>	2.182	7.9	49A50-120	314.00
11DZ-4-15	15	7.2	3.5	4	2.12	49B70-20	69.00
11DZ-4-30	30	14.4	4.25	4	3.87	49B70-30	107.00
11DZ-4-50	50	24.0	5	4	4.56	49A50-50	157.00
11DZ-4-80	80	38.4	8	4	4.56	49A50-80	211.00

**NOTES:**

- Standard units supplied with:
  - Integral heatsinks
  - Easy-access terminals
- Standard 11DZ/DZ-N Controls require maintained external 120 VAC control signal for operation. For other control voltages, see Option 27.
- Fuse kits (fuses and fuse blocks) are shipped loose with the units for remote mounting. They do not mount directly to 11DZ/DZ-N units.
- For recommended spare fuses, see FUSE CHART, Page 39. Use of any other fuse voids all warranties.
- Enclosures supplied by others must be properly ventilated. See VENT SCHEDULE, page 43.
- Dimensions are approximate, refer to unit drawing for construction.
- 11DZ-N units are nominally 2 inches wide and must be in ventilated enclosures, 11DZ units are nominally 4 inches wide and may be installed in non-vented enclosures, provided internal enclosure temperature remains below 50°C.
- Subtract 1/2 inch from height with DIN clip option 34.

List prices may be subject to trade classification discounts. Contact your local Payne Engineering Authorized Distributor or representative.

Prices shown are subject to change without notice.



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OPTION NAME	OPTION ORDER No.	OPTION DESCRIPTION	LIST PRICE ADDER
HEATSINK OVERTEMP SWITCH	24A 24B	Overtemp trip of controller. For external indicating circuit or alarm.	55.00
ALTERNATE CONTROL VOLTAGE	27A 27B 27D	12 VAC/VDC 24 VAC/VDC 220 VAC	25.00
70-400Hz	30	For operation on power frequencies from 70-400Hz, and 16-2/3 or 25Hz.	Contact Factory
ZERO-FIRED INITIAL TURN-ON	31	Forces initial turn-on at zero crossover point. All 11DZ/11DZ-N units are zero fired on all subsequent cycles.	25.00 >50 N/C
FUSE KIT	FK 15-1 FK 30-1 FK 50-1 FK 80-1 FK 120-1	For 15 amp units For 30 amp units For 50 amp units For 80 amp units For 120 amp units	30.00 40.00 45.00 50.00 60.00
PROPORTIONAL	11DZ-x-xxPV 11DZ-x-xxPM	Includes separate control transformer (shipped loose for customer mounting on panel) Converts relay to automatic proportional controller in response to a 2-10 VDC signal. Converts relay to automatic proportional controller in response to a 4-20mA. signal.	75.00
277 VAC INPUT	11DZ- <u>3</u> -etc.	Rated for 277 VAC Input. (Change Model No. from 11DZ-4-etc. to 11DZ-3-etc.)	38.00
550 VAC INPUT	11DZ- <u>5</u> -etc.	Rated for 550 VAC Input. (Change Model No. from 11DZ-4-etc. to 11DZ-5-etc.)	38.00

**11DZ OPTION NOTES:**

1. To order, specify option number seperately, and add option price to control list price.
2. See catalog for detailed option description.
3. Options must be order with control.
4. Consult factory for option requirements not shown.



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