



**Argo**<sup>®</sup>

**SWITCHING RELAYS  
& ACCESSORIES**



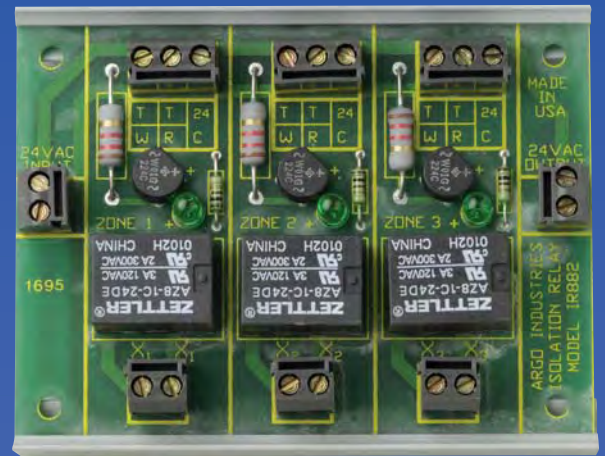
**ARM4P**



**DPM2**



**AR861-3II**



**IR882  
3-Zone**

**Switching Relays & Accessories**  
Easy, Economical Zoning with Circulators

ARM ■ AR ■ DPM2 ■ IR882

**Advanced  
Technology  
At Work  
For You!**

## AR822II Single Zone Relay



- DPDT
- ICE CUBE TECHNOLOGY
  - Plug-in Replacement Relays
- AUTO-RESET ELECTRONIC FUSE PROTECTION
  - Eliminates Nuisance Service Calls
- 15VA TRANSFORMER / FULL 7.2 AMP / 1/3 HP RELAY LOAD RATING
  - Robust Components Provide Years of Trouble-free Service
- 5-YEAR LIMITED WARRANTY
  - Strongest Protection Available

## AR861-2II/3II Two and Three Zone Relays with Priority



(2-Zone Shown)

- 2-ZONE AR861-2II OR 3-ZONE AR861-3II
- ICE CUBE TECHNOLOGY
  - Plug-in Replacement Relays
- SWITCHABLE PRIORITY
  - Perfect for Indirect Water Heaters or Priority Zones
- AUTO-RESET ELECTRONIC FUSE PROTECTION
  - Eliminates Nuisance Service Calls
- 15VA TRANSFORMER / FULL 7.2 AMP / 1/3 HP RELAY LOAD RATING
  - Robust Components Provide Years of Trouble-free Service
- 5-YEAR LIMITED WARRANTY
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## \* IR882 Isolation Relay For Up to Three Zones



- SPST
- FOR USE WITH POWER ROBBING PROGRAMMABLE THERMOSTATS OR 3-WIRE (R, C, W)
- INTERFACES WITH SOLID STATE THERMOSTATS
- MODULES CAN BE "DAISY-CHAINED" FOR ADDITIONAL THERMOSTATS

\* Requires additional transformer.

# ARM Control Expandable Zone Relays

2, 3, 4 and 6 Zone Controls



## SWITCHING RELAYS & ACCESSORIES

### ARM4P



MODEL	ZONES	TRANSFORMER VOLTAGE
ARM2P	2	120 VAC, 60 Hz, 20 VA
ARM3P	3	120 VAC, 60 Hz, 30 VA
ARM4P	4	120 VAC, 60 Hz, 30 VA
ARM6P	6	120 VAC, 60 Hz, 30 VA

### Features:

Priority Safety Timer - Ensures Other Zones Get Heat Every 30 Minutes & Prevents Freeze-ups

5-second Time Delay for Boiler Shut-off

Premium plug-in replaceable relays

Electronic Fuse - Auto Reset

30VA Transformer\*† - Robust Enough to Handle up to 15 Zones

24 VAC Transformer Terminals

Plug-in, Add-on Zone Modules (AD-1 or AD-4)

Switchable Priority

High relay load rating - 7.2 Amp / 1/3HP

CSA listed

Double-sided printed circuit board construction - 100% Factory Tested For Reliability

Separate xx (isolated switch) & ZC/ZR Relays protect Boiler Aquastat.

Relay Diagnostic Light - Easily Seen Through Window On Cover

Clearly marked Terminals With Clamping Plates

\* ARM-2P uses 20 VA Transformer. † Requires dry contact type thermostat or use of IR822 Isolation Relay

### AD-4 Add-On Zoning Modules For ARM Relay Control

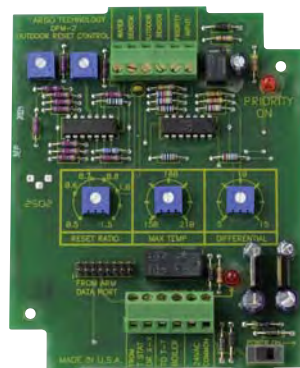


### SPECIFICATIONS:

MODEL	ZONES	TRANSFORMER VOLTAGE	SWITCHING ACTION	THERMOSTAT CURRENT	SINGLE PHASE MOTOR RATING 120V AC
AD-1	1	N/A	0.085	SPST	1/3HP
AD-4	4	N/A	0.085	SPST	1/3HP

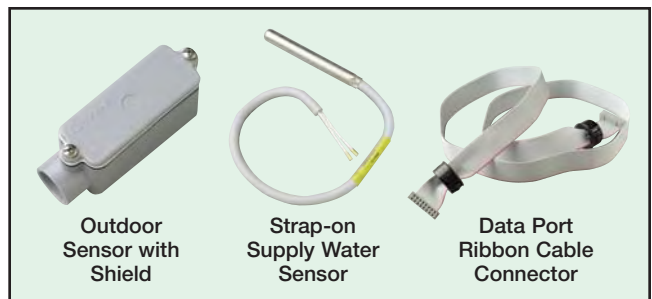
### DPM2 Outdoor Reset Control

The DPM2 monitors outside temperature and adjusts boiler water temperature to match the outdoor demand – maximizing efficiency and reducing fuel usage.



- Can be used with any Argo Relay or Zone Value Control
- Or can work with most competitors' relays
- Reduces heating costs an average of 10% to 15% a year (depending on climate).

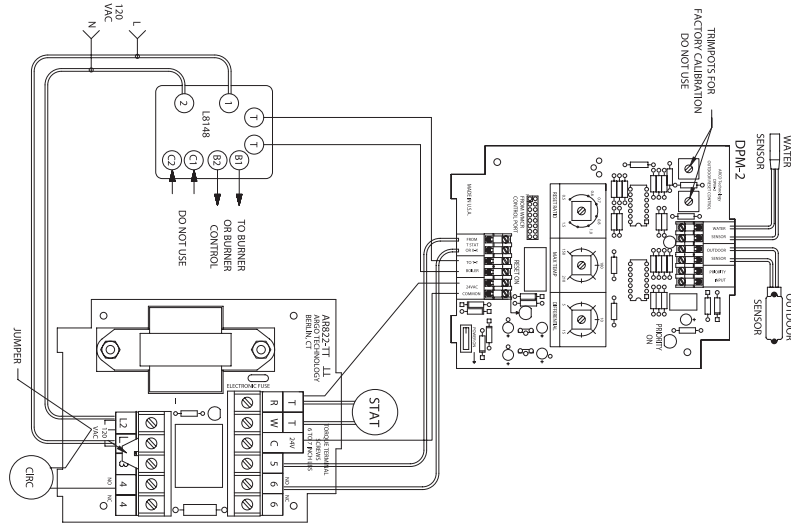
### Standard Equipment:



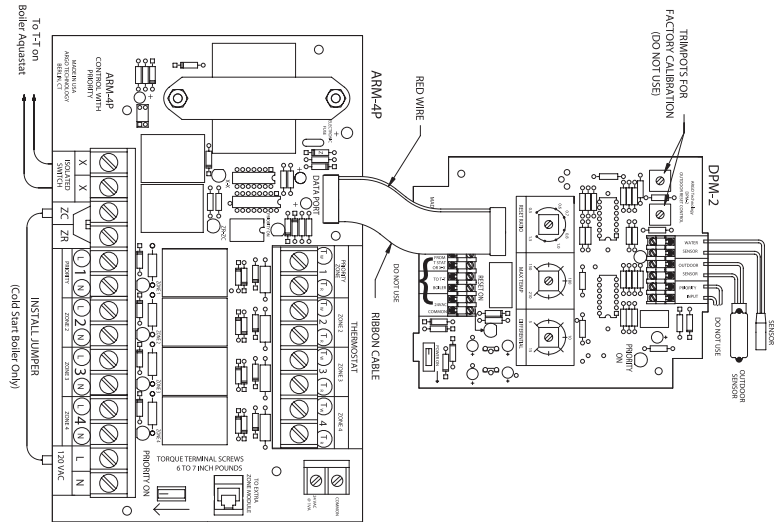


## DPM2 Wiring Diagrams

Typical Wiring  
Application Using  
DPM-2 Outside Reset  
With ARGO AR822-II  
Relay Control



Typical Wiring  
Application Using  
DPM-2 Outside Reset  
With ARGO ARM-4P  
Circulator Control



Typical Wiring  
Application Using  
DPM-2 Outside Reset  
With TACO SR 503  
Relay Control

