

tekmar® Submittal

tekmarNet® 4 Zone Expansion Module 325



Zoning

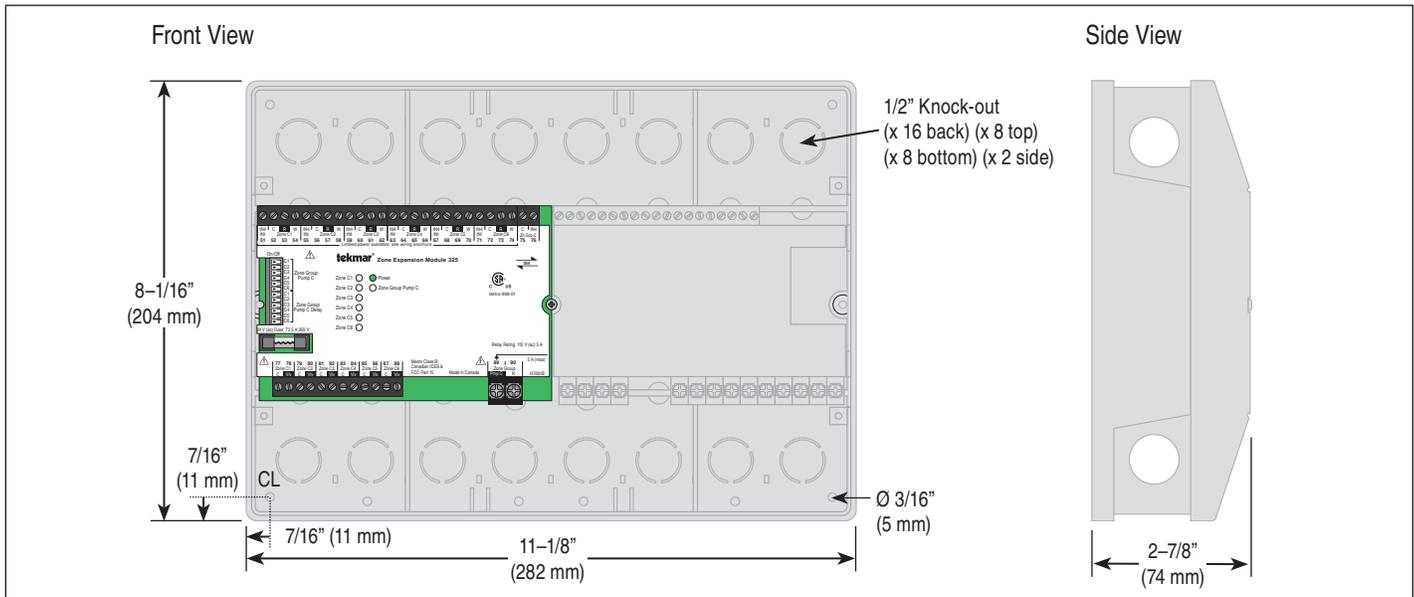
C 325

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Replaces: New

Job _____ Designer _____ Contact _____

The tekmarNet® 4 Zone Expansion Module 325 is designed to provide expansion to a zoning solution for heating systems. It can be used in applications ranging from baseboard zones, to radiant heating manifolds. This control expands the number of zones provided with a Zone Manager by up to 6 more zone valves. It is capable of providing power for up to 6 tekmarNet® 4 or stand alone thermostats, and energizing their respective 24 V (ac) zones, as well as providing a powered Zone Group Pump (powered end switch) contact to enable an external device such as a manifold pump.



Specifications

tN4 Zone Expansion Module 325 Six Zone Valves	
Literature	D325, W325, J325
Control	Microprocessor control. This is not a safety (limit) control
Packaged weight	1.1 lb. (500 g)
Dimensions	3-5/8" H x 5-3/8" W x 9/16" D (92 x 137 x 14 mm)
Approvals	CSA C US, meets Class B: ICES & FCC Part 15
Ambient conditions	Indoor use only, 32 to 122°F (0 to 50°C), RH ≤80% to 88°F (31°C), down to 50% above 104°F (40°C), Altitude <6560 ft. (2000 m), Installation Category II, Pollution Degree 2
Power supply	Provided by interconnected Zone Manager
Transformer	24 V (ac) 53 VA, fuse T2.5 A 250 V
Zone group pump C relay	115 V (ac) 5 A
Combined relay load	5 A max
Warranty	Limited 3 Year (See D325 for full warranty)

Features

- tekmarNet® 4 compatible
- Internal 50 VA transformer
- Six powered 24 V zone valve outputs
- Powered 120 V zone group pump output
- Simple wiring
- Time delay for thermal motor zone valves
- CSA C US Certified for use in USA and Canada

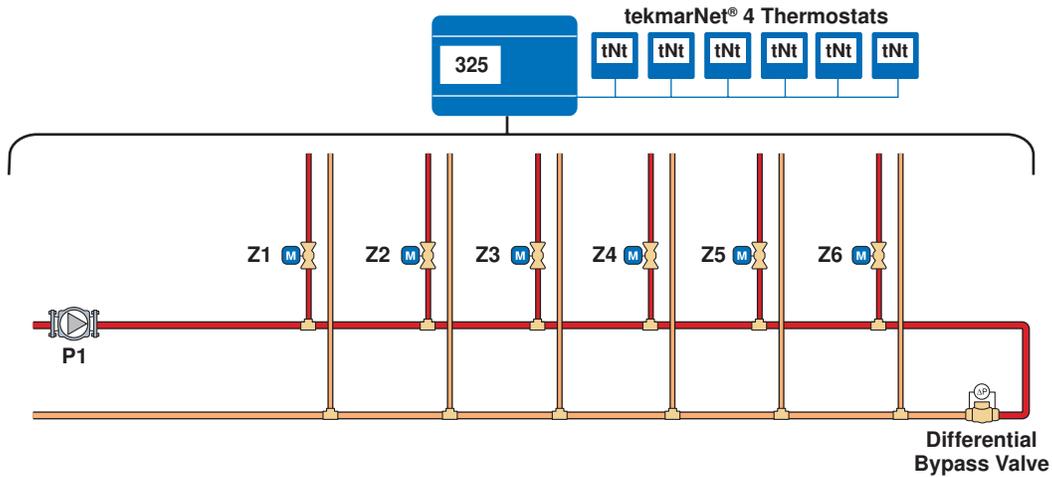
SPECIAL REQUIREMENTS

Enclosure not included! Control must be installed with a tekmarNet® Zone Manager for mounting and power. Designed for use with tekmarNet® 4 thermostats

Sample Application Drawing

Below is a sample application drawing for this product. This application may include other tekmar products that are required for installation. More sample applications can be found at www.tekmarcontrols.com.

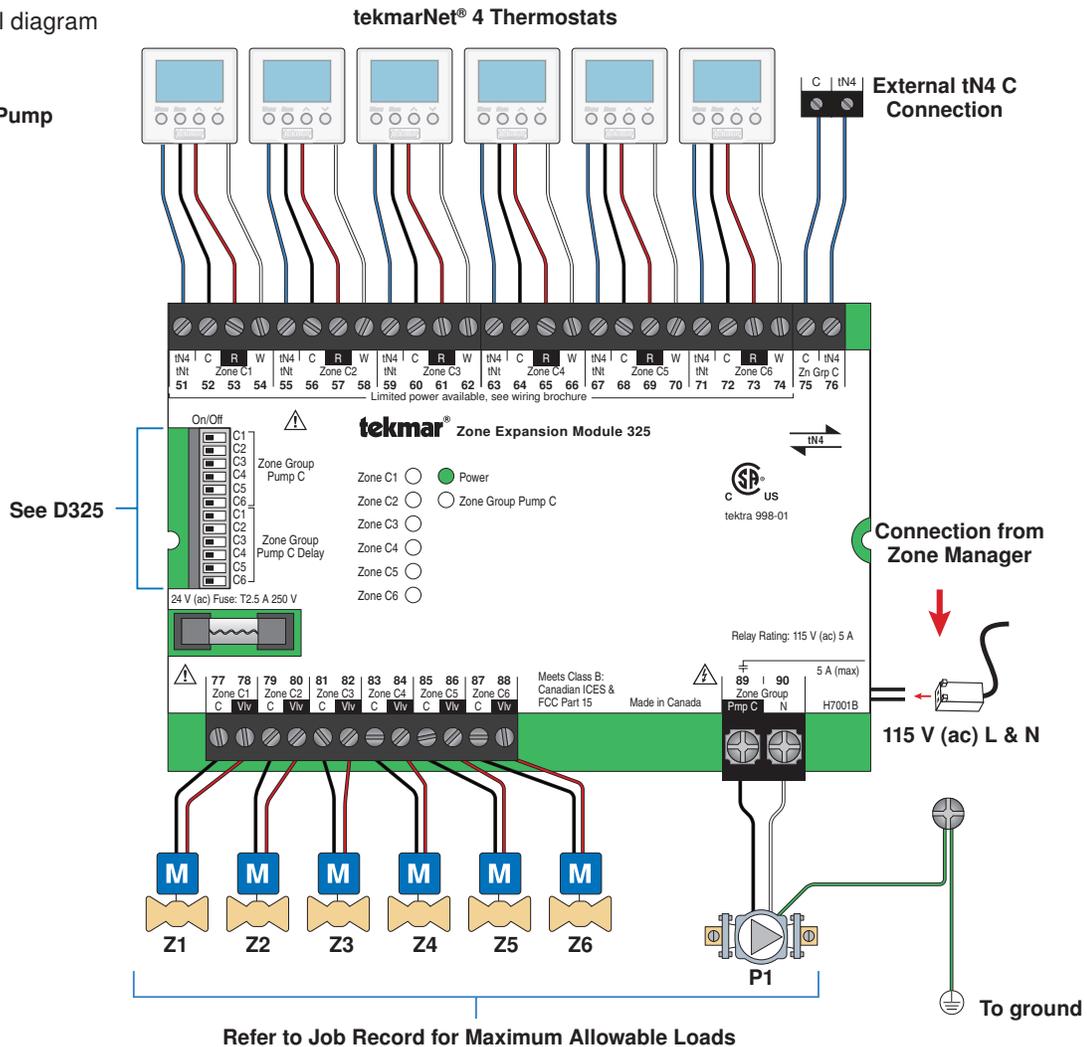
Sample Mechanical diagram



Sample Electrical diagram

Legend

- P1 = Zone Group Pump
- Z1 = Zone 1
- Z2 = Zone 2
- Z3 = Zone 3
- Z4 = Zone 4
- Z5 = Zone 5
- Z6 = Zone 6



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