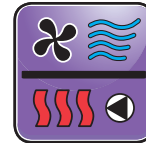


tekmar® Submittal

Power Manager 345



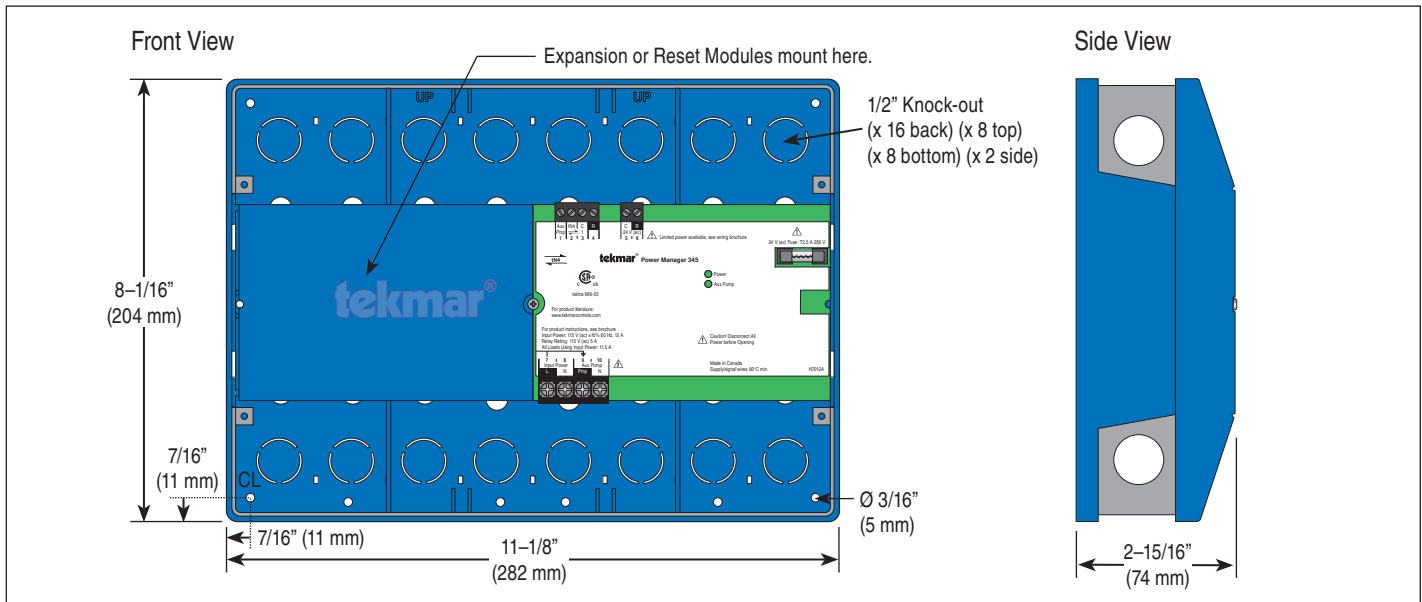
C345

01/11

HVAC Systems Replaces: New

Job _____ Designer _____ Contact _____

The Power Manager 345 is designed to provide power and mounting for a tekmarNet® 4 Reset Module. It can be used in applications that use Wiring Centers, or other zoning devices that require a single thermostat. This product provides a mounting enclosure, power for a tekmarNet® 4 Reset Module, and connects to one tekmarNet® 4 thermostat to control one zone pump.



Specifications

Power Manager 345 One Auxiliary Pump	
Literature	D345, W345, J345
Control	Microprocessor control. This is not a safety (limit) control
Packaged weight	3.5 lbs (1610 g)
Dimensions	8-1/16" H x 11-1/8" W x 2-15/16" D (204 x 282 x 74 mm)
Enclosure	Blue PC+ABS plastic with metal top and bottom conduit connection walls, NEMA type 1
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	115 V (ac) +/- 10%, 60 Hz, 12 A
Transformer power available	24 V (ac) 56 VA, fuse T2.5 A 250 V
Auxiliary pump input	24 V (ac) < 0.5 VA
Auxiliary pump relay	115 V (ac) 5 A
Combined load	11.5 A max
Warranty	Limited 3 Year (See D345 for full warranty)

Features

- tekmarNet® 4 compatible
- Internal 56 VA transformer
- CSA C US Certified for use in USA and Canada
- Powered 120 V auxiliary pump output

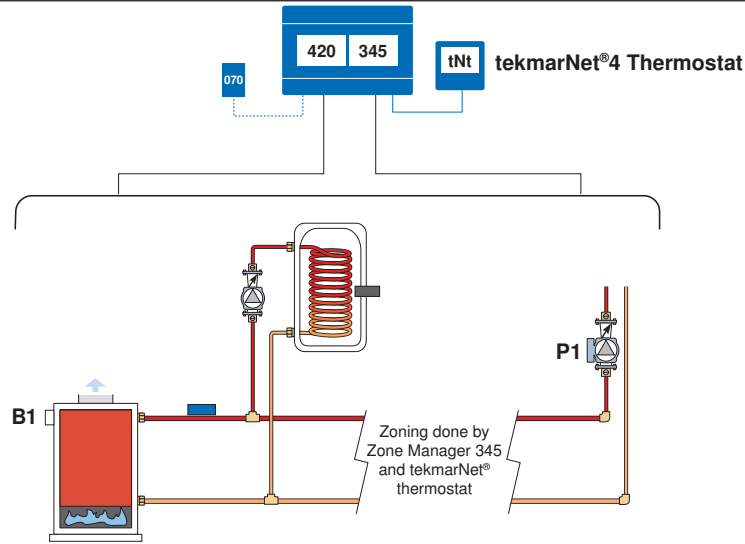
SPECIAL REQUIREMENTS

Designed for use with tekmarNet® 4 Reset Modules

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.

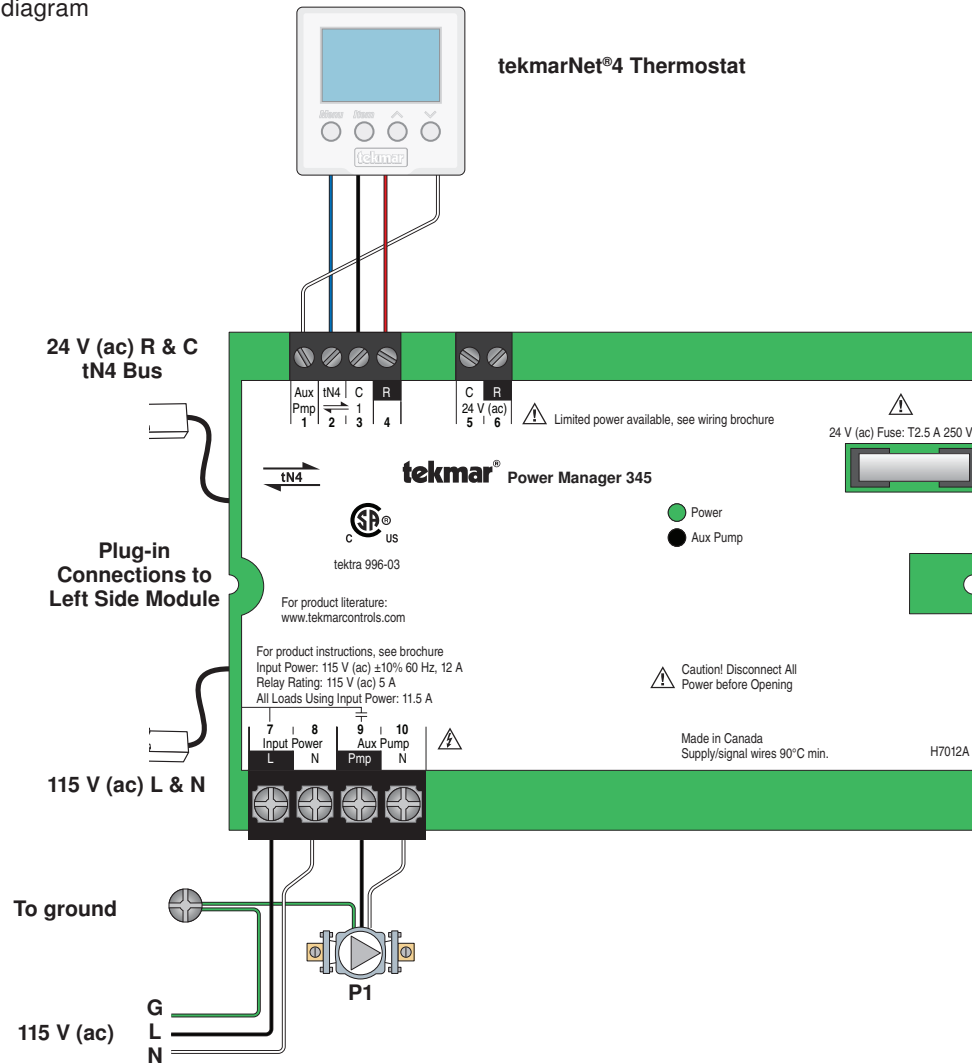
Sample Mechanical diagram



Sample Electrical diagram

Legend

P1 = Pump
B1 = Boiler 1



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