



Data Sheet

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WATEROUS FIRE PUMP OVERHEAT PROTECTION MANAGER (OPM)

DESCRIPTION: THE OVERHEAT PROTECTION MANAGER ACTS AS A SAFETY DEVICE BY RELEASING HOT WATER TO THE GROUND OR BACK TO THE WATER TANK FROM THE DISCHARGE AREA OF THE PUMP. IF WATER TEMPERATURE CONTINUES TO RISE, A WARNING LIGHT ON THE PUMP PANEL WILL WARN THE PUMP OPERATOR. AN OPTIONAL AUDIBLE ALARM IS AVAILABLE AND WILL SOUND WHEN WATER TEMPERATURE CONTINUES TO RISE.

Voltage	For use on Pump Models	Panel Language	Part Numbers		Dimensional Drawing
			OPM Assembly	Optional Audible Alarm	
12 or 24 Volt	CM, CMU CMCGV, CMUCGV CS, CSU	English	83865-1A	83865-2B	DPL82517
		Chinese	83865-1C		
	All other Pump Models	English	83865-1B		
		Chinese	83865-1D		

The OPM consists of the valve, which has an opening temperature of 140°F, and a warning light triggered by a thermal switch that has an operating temperature of 180°F. The warning light acts as an additional protection device along with optional audible alarm, if the temperature inside the pump keeps rising although the valve is open.

Mounting: On CM and CS series models, the OPM valve and switch are both mounted on the two 1/2" tapped holes located near the center discharge area of the pump. On other models, the valve and switch are furnished mounted on a flange which the OEM must mount as close as possible to the pump discharge.

Order as Follows:

- Panel Language: English or Chinese
- Optional Audible Alarm: With or Without

Note that OPM is compatible for 12 or 24 volt systems.