

# Single-Phase PumpSaver®-Grundfos™ Control Box

Model 234-P

SymCom PumpSaver® Model 234-P protects single-phase pumps from dry-well, dead-head, rapid-cycle, jammed-impeller, and over/undervoltage conditions. Typical applications include residential waterwells, commercial waterwells, irrigation wells, and golf course and other sprinkler systems.

The PumpSaver® Model 234-P is designed to be mounted inside a Grundfos™ control box to protect 1/3-3hp, 2- or 3-wire, 230V pumps.

An infrared LED communicates directly with a hand-held diagnostic tool called the Informer (sold separately).



## Specifications

<b>Functional Specifications:</b>	
Adjustments/Settings	
Overcurrent	125% of calibration point
Underload (dry-well)	Adjustable (70 - 90% of calibrated run power)
Overvoltage	265VAC
Undervoltage	190VAC
Number of restarts allowed in a 60-second period (rapid-cycling)	4
Trip Delay Times	
Overcurrent	5 seconds
Dry-well	4 seconds
Restart Delay Times	
Over/undervoltage	2 seconds
All other faults (dry-well recovery timer)	Manual, 2-225 Minutes
<b>Input Characteristics:</b>	
Supply Voltage:	230VAC
Load Range:	1/3 – 3 hp
Frequency:	50*/60Hz (Note: 50Hz will increase all delay timers by 20%)
<b>Output Characteristics</b>	
Output Contact Rating-SPST	3 hp@240VAC (17 amps max.)
<b>General Characteristics:</b>	
Operating Temperature:	-40° to 70° C (-40° to 158° F)
Power Consumption:	5 Watts (max.)
Standards Passed:	
Electrostatic Discharge (ESD)	IEC1000-4-2, Level 2, 4kV contact, 6kV air
Dimensions	Fitted to Grundfos™ Control Box
Weight	14 oz.
Mounting Methods:	Grundfos™ Control Box

### How to order:

Part Number: 234-P



orders@symcom.com / customerservice@symcom.com  
(605) 348.5580 / (800) 843.8848 / Fax (605) 348.5685