

B6468 Keystart control panel for Perkins & Caterpillar engines



- Compatible with non-ECU engines: Perkins 400 series Caterpillar C1.1/C2.2
- Keystart module for operator manual start/stop control
- Automatic fault shutdown protection and indication
- Hours run counter
- Integral wiring harness

Description

Murphy panel B6468 provides operator-controlled start/stop, and automatic fault shutdown and indication for mechanical (non-ECU) engines. The integral wiring harness is configured for compatibility with Perkins 400 series and Caterpillar C1.1/C2.2 engines. The panels are primarily used in stationary engine applications such as pumps, crushers, shredders, etc.

Operator control is through a 3 position keyswitch on a Murphy Keystart module - see diagram overleaf for operation details. The key is common to all Keystarts and is removable only in the Stop/Reset (O) position.

Outputs are provided for the control of engine fuel, starter and preheaters. Automatic engine shutdown may be triggered by three inputs – oil pressure, coolant temperature and coolant level – designed for operation with engine-mounted switch contacts that close to negative DC during fault. A charge fail connection drives charge alternator excitation current and LED indication during fault conditions.

The B6468 is housed in a weather-resistant, Zintec steel case with black powder-coating. Electrical connection is through an integral harness with ring, blade and Deutsch connectors, for direct mating with Perkins 400 series and Caterpillar C1.1/C2.2 engines.

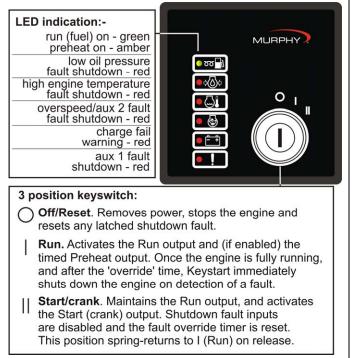
Warranty

A two year limited warranty on materials and workmanship is given with this product. Full details are available at www.fwmurphy.co.uk/warranty

Product specifications

power supply:		
operating voltage: steady state	8 – 16 VDC	
inputs:		
oil pressure, coolant temp & coolant level fault switches	closing to negative DC during fault	
outputs:	(all ratings non-reactive)	
run (fuel)	positive DC, switched NO relay contact, 10 A max. continuous @ 16V DC	
start (crank)	positive DC via keyswitch contacts, 10 A max. continuous @ 16V DC	
preheat	positive DC, switched N 20 A max. continuou	
general:		
case/finish	Zintec steel, 70 Micron black powder coat	
operating temperature	–35°C to +55°C / –31°F to +131°F	
overall dimensions (w x h x d	l) 210 x 130 x 160 mm	
weight	3.6 Kg / 8.0 lb	

Keystart front view & operation



How to order

Stock codeModel / descriptionB6468Keystart + hourmeter control panel

Further information

Document Description

0810288Keystart 9620 series sales bulletin00-02-0657Keystart 9620 series installation00-02-0259TM series hourmeter bulletin

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