

EPM72 Engine Protection Module



Combining the convenience of manual operation with engine protection against Low Oil Pressure (LOP), Coolant Fault(HET) and (optionally) Overspeed and an Auxillary Input, these Keystart Modules are easily mounted into almost any control panel or switchbox. Set in a compact 72mmsq DIN sized module they can be used with a wide range of engine driven equipment. Five 'High Intensity' LED's indicate system status.

KSM72 Key-Start Module

Combining the convenience of manual operation with engine protection for Low Oil Pressure, Coolant Fault and (optionally) Overspeed. Set in a compact 72mmsq DIN sized case these Key-start Modules can be easily mounted into almost any switch box or control panel and are used in a wide range of engine driven equipment. The front panel has up to five 'High Intensity' LED's indicating system status and the key switch provides power-on, engine cranking and fault shutdown reset. NOTE: consider the KSM721 for all new designs.



KSM7200 Key-Start Module



This provides manual start/stop together with engine protection circuits. Housed in custom designed 72mm sq DIN standard modules they are easily mounted into almost any switch box or control panel, for use in a wide range of engine applications. Dedicated fault channels are provided for Low Oil Pressure and Cooling Fault, while two further 'Auxiliary' channels have a slide-in label and are user programmable via the rear accessed DIP switches. The fuel driver output provides both solenoid control and common alarm functions via an external relay. The KSM7200H includes an Hours Run counter. Customer specific software is available to order.

KSM721 Key-Start Module



Incorporating the latest in microprocessor technology this offers a direct replacement to almost all of the older KSM72 series. The KSM721 provides manual start-stop and fault protection, for a wide range of engine applications and the 'Hours Run' counter is an optional extra. Housed in a 72mmsq DIN standard case with custom designed locking sleeve, they are easily mounted into almost any switchbox or control panel. Dedicated fault channels include Low-Oil Pressure, Cooling Fault and Overspeed. The Auxiliary Channel can be user programmable along with other functions via the rear accessed potentiometer and switches which can include 50 / 60Hz selection. Engine shutdown and alarm indication is provided via an external Fuel Control relay. Customer specific hardware and software is available to order. The KSM720 is also available, please see the separate Data Sheet here.

KSM72G Key-Start Module

This compact 72mm DIN standard module has two-piece connectors, 6 – 36Vdc single range supply and no drop-out during cranking. Comprehensive engine protection includes Low Oil Pressure, Cooling Fault and Overspeed shutdown. Speed sensing is selectable from Main Alternator or Magnetic Pick-Up via separate terminals. The Meter output is provided for an external RPM indicator or to aid calibration via a digital multimeter. User programmable via 4-way Dip switch. Build options include, switched Pre-Heat and Hours Run counter. Custom designs are available to order.



PSM720 Push-button Start Module



This micro-processor based controller directly replaces the earlier PSM72. It allows manual start - stop in bad weather conditions that a conventional keyswitch could not provide. Timed Pre-Heat with LED indication together with engine protection for Low Oil Pressure, Cooling Fault and Over-crank. Customised versions and customer specific software is available to order. Note: the PSM720 shares the same connections with the ASM720 series and thus provides an upgrade path from manual start - stop to full auto-start control.

WKS96 Weatherproof Key-start Systems



Purpose designed for use in rugged applications including jetting machines and hire equipment, these controllers and loom assemblies are available to suit a variety of engines and applications with custom builds available to order. Protection circuits include - Low Oil Pressure, Coolant Fault, Fan Belt Failure, Overcrank and Emergency Stop.