

FW Murphy Selects DEPRO® – HCRM Relay Module



FW Murphy of Tulsa, Oklahoma has been focused on producing simple, reliable engine protection since their founding in the 1930's. Over the past 75+ years they have developed hundreds of products that monitor and control compressors, pumps, generators, and more. Their control systems for industrial operations monitor pressure, temperature, liquids level, over-speed, time and vibration and cover everything from simple start/stop operation to sophisticated automation systems.


Benefits of an FW Murphy control system include

- extending engine life
- optimizing emissions
- simplified diagnostics
- fuel savings

One of their products is the Centurion™ Configurable Controller (C4 Series) - a hybrid annunciator and compressor controller. The C4 combines the monitoring and shutdown features of an annunciator, with auto-start and basic engine controls that help prevent shutdowns. It is widely used in the gas production and distribution industry.



As part of the Centurion™ system FW Murphy wanted a robust, Class 1 Division 2 certified interposing relay. The relay would interface their controller to devices on the compressor. The most common C1D2 certified relays are very compact but typically rated 6A.

FW Murphy wanted a relay with physically larger contacts and a higher current rating. Emphatec's DEPRO® – HCRM met their requirements. The relay provides 1 form C (SPDT) contacts rated 15A and is  certified for use in C1D2 and Zone 2 applications.