

The OMB maintains a proper oil level in the compressor crankcase and is available for low voltage applications. It is ideal for use with Copeland Scroll™ compressors as well as all brands of semi-hermetic compressors.

Features

- Prevents Compressor burnout and system downtime
- Five time compressor lockout feature alerts repeated low oil for early system diagnosis and resolution
- Self-contained unit with oil level sensor and integral solenoid to manage oil level supply
- Adapters available for various compressor types(not required for reciprocating compressors)
- Oil level float ball in sight glass allows quick visual indication
- Easy monitoring with visual alarm and multi-color status lights
- SPDT output contact for compressor shut-down and alarming
- System debris retention magnet for reliable operation
- Hall-effect sensing technology unlike optical sensors, eliminates false detection of possible oil foaming
- Approved oil management control for Copeland Scroll Compressors

Nomenclature Example: OMB MO24K5

OMB	MO	24	K5
Series	Configuration	Coil Voltage	Applications
OMB	JB - Junction Box MO - Grommet With Leads	24V 50/60 Hz	K5 - For Copeland K5 Compressor With Adapter (Omit for Standard)

Ordering Information

Model	Description	PCN
OMB JB24	24V oil management control with junction box	065365
OMB MO24	24V oil management control with grommet and leads	065366
OMB MO24K5	24V oil management control with grommet and leads for Copeland K5 compressor, includes adapter	066803
Service Parts Description		
PS-01525-2	Sight glass O-ring	020877
KS-30368-1	Mounting O-rings (3 pieces)	064812
KS-30112	Solenoid repair kit	049191

See adapter catalog page for ordering information



Specifications

- Maximum working pressure: 870 psi
- Solenoid MOPD: 350 psi
- Supply voltage: 24 V AC, 50/60 Hz
- Current consumption: 0.6A
- Time delay for low level signalling: 5-10 seconds
- Time delay for after setpoint recovery: 5-10 seconds
- Alarm delay time: 120 seconds
- Alarm switch: SPDT
- Alarm contact rating: 10A @ 125; 5A @ 220 V AC 50/60 Hz
- Refrigerant compatibility: HFC, HCFC, CFC
- Oil temperature: 180°F Max.
- Ambient Temperature - Storage: 120°F Max.
- Ambient Temperature - Intermittent Duty: 120°F Max.
- Oil supply fitting: 1/4" Male SAE
- UL/CUL file number: MP604
- Transformer requirements*: 25 VA

**NOTE: Field supplied transformer should always be of the same primary voltage as the electrical supply system.*

Dimensional Data

