



**COMPONENT-MATERIAL  
ENGINEERING SPECIFICATION**

Part No.	800- 557-53	REV	01
Ref. Code	407		
U.O.M.	EA		
Engg. Ref.	AP/AC/CH		

**Part Description : OIL PRESSURE SWITCH (MP 54) KIT**

O1-1

**VENDOR : DANFOSS**  
**VENDOR # (OPS KIT#) : 060B016866**

**WHERE USE : M/S COPELAND (ALL SEMI HERMETIC COMPRESSOR MODELS)  
M/S BITZER (ALL SEMI HERMETIC COMPRESSOR MODELS)**

**TECHNIAL DATA:-**

**OIL PRESSURE SWITCH MODEL : MP 54 (MAKE DANFOSS)**  
**SUPPLY VOLTAGE : 230/ 115 VAC +10/-15%**  
**SUPPLY FREQUENCY : 50/ 60 Hz.**  
**DUTY CYCLE : 100%**  
**DELAY PERIOD : 90 S ( WITH INSUFFICIENT OIL PRESSURE)**  
**RELAY OUTPUT-SWITCH VOLTAGE : 250V MAX.**  
**SWITCH CURRENT 2 A MAX.**  
**REFRIGERANTS : R 22**  
**PROTECTION CLASS : IP 20**  
**CUT-OUT DIFFERENTIAL PRESSURE : 0.65 BAR**  
**CUT-IN DIFFERENTIAL PRESSURE : 0.2 BAR**  
**OPERATING TEMPERATURE : -40 ; +60°C**

<b>ALL DIMENSIONS ARE IN mm (BRACKET DIMENSIONS ARE IN INCHES)</b>				<b>SHEET 1 of 1</b>		<b>SCALE : N.T.S</b>	
<b>Tolerance: : Unless noted ( ± ) : fraction 1/32" ; Decimal 0.031</b>				<b>WRITER</b>	<b>AL-ALL. HUSAIN</b>		
				<b>INITIATOR</b>	<b>ASIF PASHA</b>		
				<b>ENG. CHECK</b>	<b>M.KHAWALDEH</b>		
				<b>VERIFIED</b>	<b>Moh'd Al Sayyed</b>		
				<b>APPROVED</b>	<b>MATHEW</b>		
<b>01</b>	<b>SPECS. UPDATED AS PER (DANFOSS) DATA</b>	<b>HUSAIN</b>	<b>14-02-06</b>	<b>Issue Date</b>	<b>15-10-2001</b>		
<b>REV</b>	<b>Revision Details</b>	<b>Designer</b>	<b>Rev.Date</b>	<b>File Ref.</b>	<b>Ziicnas\Eng-Specs\800\55753</b>		