Heavy Duty Temperature Switches

- Reliable temperature switches for temperature control, indication, and interlock applications.
- Specially designed for long life on heavy-duty vehicles.
- Proven on millions of heavy trucks and off-road vehicles.

Temperature Control Switches

The performance standard for heavy-duty applications for years.

Use for applications requiring one or more of the following:

- Frequent switching (high duty cycle)
- Output used for temperature control (e.g. cooling fan or heater)
- High accuracy
- Inductive current load (e.g. relay, solenoid or clutch)
- Exceptional vibration resistance
- Current higher than 1 amp

		Housing Thread		Terminals or Connector					
		1/2"	3/8"	8-32	Weather-pack	Metri-pack			
Set °F	Mode	NPTF	NPTF	Screw	Shroud	Shroud	Part Number	Description	Equivalent
105°	NO	◆		◆			**8037106**	Temp Ctrl 105 NO H1 T1	Horton 15949
120°	NO	◆		◆			**8037134**	Temp Ctrl 120 NO H1 T1	
150°	NC		◆	◆			**8037121**	Temp Ctrl 150 NC H0 T1	Horton 15951
	NO	◆		◆			**8037013**	Temp Ctrl 150 NO H1 T1	Horton 15952
160°	NO	◆		◆			**8037240**	Temp Ctrl 160 NO H1 T1	
165°	NC	◆		◆			**8037107**	Temp Ctrl 165 NC H1 T1	
180°	CO	◆		◆			**8037044**	Temp Ctrl 180 CO H1 T1	
	NO	◆		◆			**8037014**	Temp Ctrl 180 NO H1 T1	Horton 15944
185°	CO	◆		◆			**8037045**	Temp Ctrl 185 CO H1 T1	Nav 1685131C92
			◆	◆			**8037176**	Temp Ctrl 185 CO H0 T1	
	NC	◆		◆			**8037016**	Temp Ctrl 185 NC H1 T1	Horton 15950
	NO	◆		◆			**8037018**	Temp Ctrl 185 NO H1 T1	Horton 15942
190°	CO	◆		◆			**8037048**	Temp Ctrl 190 CO H1 T1	
	NC	◆		◆			**8037020**	Temp Ctrl 190 NC H1 T1	Horton 15939
	NO	◆		◆			**8037022**	Temp Ctrl 190 NO H1 T1	Horton 15943
195°	CO		◆	◆			**8037093**	Temp Ctrl 195 CO H0 T1	
		◆		◆			**8037050**	Temp Ctrl 195 CO H1 T1	Nav 1685132C92
	NC	◆		◆			**8037024**	Temp Ctrl 195 NC H1 T1	Horton 15948
	NO		◆	◆			**8037082**	Temp Ctrl 195 NO H0 T1	Horton P-1602
		◆		◆			**8037026**	Temp Ctrl 195 NO H1 T1	Horton 15957
200°	CO	◆		◆			**8037053**	Temp Ctrl 200 CO H1 T1	
	NC	◆				◆	**8037188**	Temp Ctrl 200 NC H1 C3	
		◆		◆			**8037028**	Temp Ctrl 200 NC H1 T1	Horton 15941
	NO	◆				◆	**8037225**	Temp Ctrl 200 NO H1 C3	
		◆		◆			**8037030**	Temp Ctrl 200 NO H1 T1	Horton 15955
205°	CO	◆		◆			**8037055**	Temp Ctrl 205 CO H1 T1	Nav 1685171C92
	NC	◆		◆			**8037032**	Temp Ctrl 205 NC H1 T1	
	NO	◆		◆			**8037034**	Temp Ctrl 205 NO H1 T1	Horton 15940, 15954
210°	CO	◆			◆		**8037228**	Temp Ctrl 210 CO H1 C7	
	NC	◆		◆			**8034036**	Temp Ctrl 210 NC H1 T1	
	NO	◆		◆			**8037037**	Temp Ctrl 210 NO H1 T1	Horton 15946
215°	NC	◆		◆			**8037039**	Temp Ctrl 215 NC H1 T1	Horton 15953
220°	CO	◆		◆			**8037061**	Temp Ctrl 220 CO H1 T1	
	NC	◆		◆			**8037040**	Temp Ctrl 220 NC H1 T1	
	NO		◆		◆		**8037163**	Temp Ctrl 220 NO H0 C7	
		◆		◆			**8037041**	Temp Ctrl 220 NO H1 T1	Horton 15947
250°	NO		◆		◆		**8037169**	Temp Ctrl 250 NO H0 C7	
		◆		◆			**8037111**	Temp Ctrl 250 NO H1 T1	
265°	NO		◆		◆		**8037233**	Temp Ctrl 265 NO H0 C7	

All temperatures in degrees Fahrenheit. See definitions and connector key on back page.
Call Index for information on additional temperatures and configurations.

INDEX SENSORS & CONTROLS

Temperature Indicator Switches

Use for lighter duty applications.

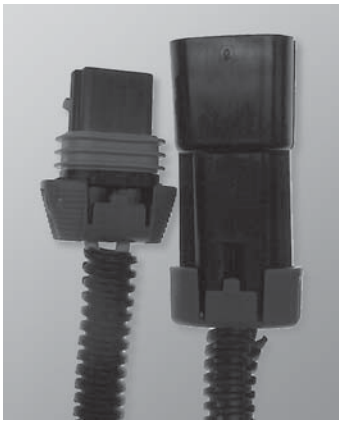
- Over-temperature warning light or alarm.
- Single terminal, case grounded electrical circuit.
- Current load up to 1 amp resistive.

		Housing Thread				
		1/2"	3/8"	8-32 Screw		
Set °F	Mode	NPTF	NPTF	Terminal	Part Number	Description
160°	NO	◆		◆	**8039076**	Temp Sw 160 NO H1 T1
185°	NC	◆		◆	**8039050**	Temp Sw 185 NC H1 T1
190°	NC	◆		◆	**8039010**	Temp Sw 190 NC H1 T1
200°	NC		◆	◆	**8039031**	Temp Sw 200 NC H0 T1
205°	NO	◆		◆	**8039034**	Temp Sw 205 NO H1 T1
210°	NO	◆		◆	**8039014**	Temp Sw 210 NO H1 T1
215°	NC	◆		◆	**8039017**	Temp Sw 215 NC H1 T1
	NO	◆		◆	**8039019**	Temp Sw 215 NO H1 T1
220°	NC	◆		◆	**8039021**	Temp Sw 220 NC H1 T1
	NO	◆		◆	**8039023**	Temp Sw 220 NO H1 T1
225°	NO		◆	◆	**8039041**	Temp Sw 225 NO H0 T1
	NO	◆		◆	**8039025**	Temp Sw 225 NO H1 T1
230°	NO		◆	◆	**8039042**	Temp Sw 230 NO H0 T1
	NO	◆		◆	**8039026**	Temp Sw 230 NO H1 T1
260°	NO	◆		◆	**8039078**	Temp Sw 260 NO H1 T1

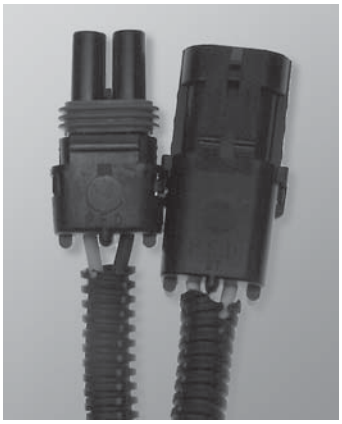
Definitions, Specifications and Key

- **Set Point (definition):**
  Rising temperature at which switch actuates. In degrees Fahrenheit.
- **Set Point Tolerance:**
  ±2.5 °F for Set Points to 220 °F. ±5 °F for Set Points 225 °F and above.
- **Mode:**
  NO - Normally Open. Switch contacts are open (not conducting) at room temperature.
  NC - Normally Closed. Switch contacts are closed (conducting) at room temperature.
  CO - Can be connected either Normally Open or Normally Closed (3 terminals or wires).
- **Reset Differential (definition):**
  Number of degrees below set point that switch resets to normal state upon falling temperature.
- **Reset Differential (specs):**
  5 to 10 °F below set point up to 220 °F. 15 °F max for 225 °F and above.

Connector Key



Weatherpack™ Tower (L) & Shroud (R)



Metripack™ Tower (L) & Shroud (R)

t: 1-800-726-1737

e: sales@indexsensors.com

w: www.indexsensors.com

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