Terminal Block Diaphragm Switch

Features

- High reliability
- High accuracy
- NEMA 4
- Ideal for pressure and vacuum applications
- Single and dual switching capability
- Tamper-proof external adjustment

Applications

- Machine tools
- **Pneumatics**
- Medical

Accuracy:

Switch: Type:

Rating:

Wetted Parts: Process Fitting:

Diaphragm:

Enclosure:

Electrical

Connection:

Approvals: UL (Optional):

Enclosure Rating:

Pressure Connection:

- Marine & shipbuilding
- Pump & compressor monitoring

General Specifications*

•	Oil	&	aas

- Water equipment
- Mining

± 0.5% of the adjustable range

Single pole double throw (SPDT) Snap Action; single circuit

10 amps @ 125/250 VAC; 3 amps @ 480 VAC (Class A or H limit switch). Consult sales drawing for ratings of optional limit switches.

304 stainless steel

17-7 PH stainless steel

Terminal block through 1/2" NPT

D1T models may be ordered as

UL listed on request. D2T models

components on request. File No.

All models may be ordered as

File LR22355 on request.

CSA listed under Class 3231 02,

may be ordered as UL Recognized

Anodized aluminum

conduit connector

1/4" NPT Female

NEMA 4

E42816

- Lubrication equipment

Approvals (cont.): PED (European):	Compliant to PED 97/23/EC	
Temperature Range: Operating:	-40° to +165°F (-40° to +74°C) Hermetic Div. 2 models: -4° to +140°F (-20° to +60 °C)	
Storage:	-65° to +200°F (-54° to +93°C)	
Adjustment Instructions: Pressure:	Turn adjustment screw counterclockwise to raise actuation point.	
Vacuum:	Turn adjustment screw clockwise to increase setpoint (higher vacuum).	
Options:	- NEMA 4X enclosure - Cleaned for oxygen service - Factory pre-set	

- Six-pin terminal block

2.0 lbs. approximate

Wiring Diagram

Shipping Weight:



* See product configurator for additional options.

Wiring Code

CSA (Optional):

Lead	Circuit #1		Circuit #2		
	Pressure	Vacuum	Pressure	Vacuum	
Normally Closed	Blue	Red	Orange	Yellow	
Common	Purple	Purple	Brown	Brown	
Normally Open	Red	Blue	Yellow	Orange	

Barkso CONTROL PRODUCTS CRANE Barksdale, Inc./Barksdale

D1T, D2T Series

Terminal Block Diaphragm Switch

D1T, D2T Series

Technical Drawing



Barksdale

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