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
- Marine & shipbuilding

General Specifications*

Pump & compressor monitoring

Oil & gas

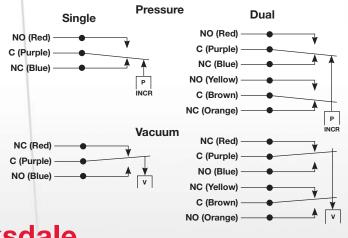
- Water equipment
- Mining
 - Lubrication equipment
- equipment

Accuracy:	$\pm 0.5\%$ of the adjustable range		
Switch:			
Туре:	Single pole double throw (SPDT)		
	Snap Action; single circuit		
Rating:			
	10 amps @ 125/250 VAC; 3 amps		
	@ 480 VAC (Class A or H limit		
	switch). Consult sales drawing for		
	ratings of optional limit switches.		
Wetted Parts:			
Process Fitting:	304 stainless steel, viton seals		
Diaphragm:	17-7 PH stainless steel		
Enclosure:	Anodized aluminum		
Electrical	Terminal block through 1/2" NPT		
Connection:	conduit connector		
Enclosure Rating:	NEMA 4		
Pressure Connection:	1/4" NPT Female		
Approvals:			
UL (Optional):	All models may be ordered as UL		
	listed. File No. E42816		

Approvals (cont.): CSA (Optional):	All models may be ordered as CSA listed under Class 3231 02, File LR22355 on request.	
PED (European):	Compliant to PED 97/23/EC	
Temperature Range: Operating:	-65° to +165°F (-54° to +74°C)	
Storage:	-65° to +200°F (-54° to 93°C)	
Adjustment Instructions: Pressure:	Turn adjustment screw counterclockwise to raise actuation point. Turn adjustment screw clockwise to	
Vacuum:	increase setpoint (higher vacuum).	
Options:	- NEMA 4X enclosure - Cleaned for oxygen service - Factory pre-set - Six-pin terminal block	
Shipping Weight:	2.0 lbs. approximate	

Wiring Diagram

CONTROL PRODUCTS Barksdale, Inc./Barksdale GmbH A Subsidiary of Crane Co.



Wiring Code

* See product configurator for additional options.

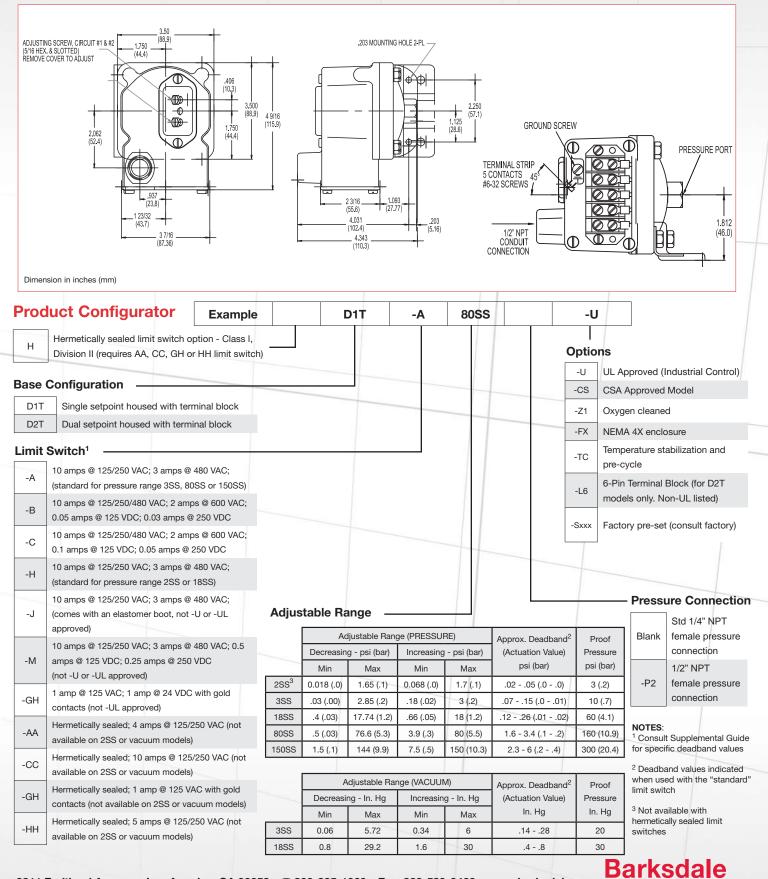
Lead	Circuit #1		Circuit #2	
	Pressure	Vacuum	Pressure	Vacuum
Normally Closed	Blue	Red	Orange	Yellow
Common	Purple	Purple	Brown	Brown
Normally Open	Red	Blue	Yellow	Orange

D1T, D2T Series

Terminal Block Diaphragm Switch

D1T, D2T Series

Technical Drawing



3211 Fruitland Avenue • Los Angeles, CA 90058 • 2 800-835-1060 • Fax: 323-589-3463 • www.barksdale.com CONTROL PRODUCTS

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