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:

- Marine & shipbuilding
- Pump & compressor monitoring ►

General Specifications*

•	Oil	&	gas
		u.	gus

- Water equipment
- Mining

 $\pm 0.5\%$ of the adjustable range

- Lubrication equipment

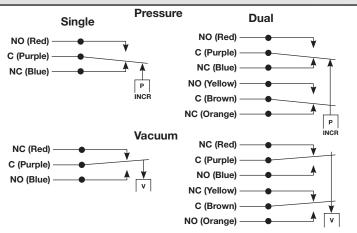
Switch: Type:	Single pole double throw (SPDT)	P Te
	Snap Action; single circuit	0
Rating:	10 amps @ 125/250 VAC; 3 amps @ 480 VAC (Class A or H limit switch). Consult sales drawing for ratings of optional limit switches.	S
Wetted Parts:		P
Process Fitting:	304 stainless steel	
Diaphragm:	17-7 PH stainless steel	Va
Enclosure:	Anodized aluminum	0
Electrical	Terminal block through 1/2" NPT	
Connection:	conduit connector	
Enclosure Rating:	NEMA 4	
Pressure Connection:	1/4" NPT Female	S
Approvals: UL (Optional):	D1T models may be ordered as UL listed on request. D2T models may be ordered as UL Recognized components on request. File No. E42816	W
CSA (Optional):	All models may be ordered as	

CSA listed under Class 3231 02,

File LR22355 on request.

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
Shipping Weight:	2.0 lbs. approximate

Viring Diagram



* See product configurator for additional options.

Wiring Code

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	

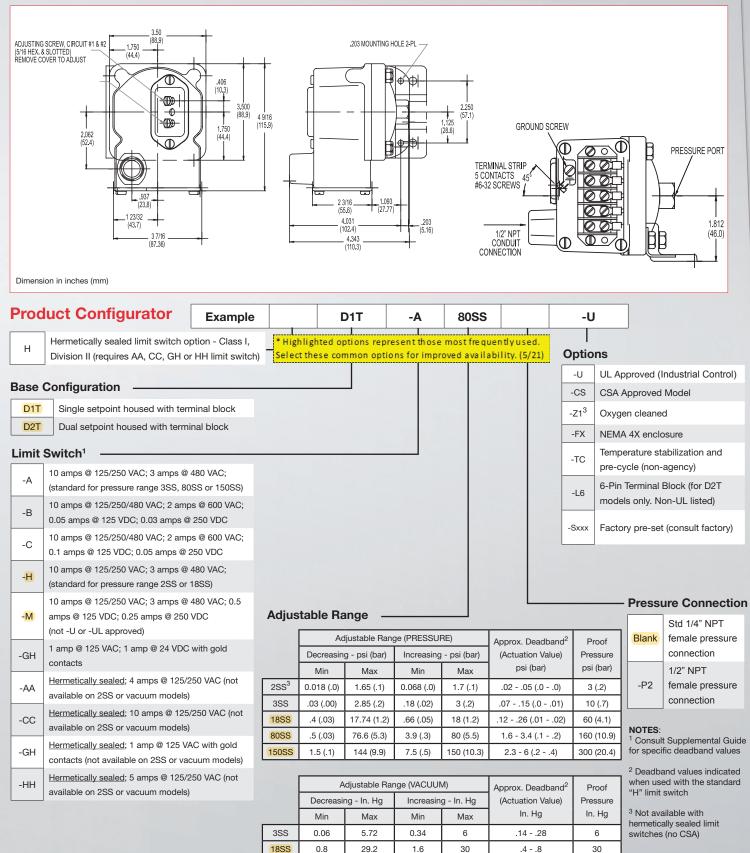
Barks CONTROL PRODUCTS CRANE Barksdale, Inc./Barksdale

D1T, D2T Series

Terminal Block Diaphragm Switch

D1T, D2T Series

Technical Drawing



Barksdale com

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See Barksdale's Standard Conditions of Sale • Specifications are subject to modification at any time • Bulletin #S0062-J • 12/19 • ©2019 • Printed in the U.S.A.