

## Contacts Rated 200+ Amps, 270VDC

### Features

- Designed to be the industry with its current rating (200+A carry, 2000A interrupt at 270VDC).
- Built-in coil economizer -only 1.7W hold power 12VDC and it limits back EMF to 0V. Models requiring extenal economizer also available.
- Optional auxiliary contact for easy monitoring of power contact position.
- Hermetically sealed -intrinsically safe, operates in explosive/harsh environments with no oxidation or contamination of coils or contacts, including long periods of non-operation.



### Order Code

BT76F X X X X  
a b c d e

a:Series  
b:Contact Form:A = Normally Open  
c:Coil Voltage:A = 9-36VDC,D = 32-95VDC,J = 48-95VDC  
d:Coil Wire Length:A = 390 mm, B =152 mm  
e:Coil Terminal Connector:N = None

### Coil Operating Voltage (valid over temperature range)

Voltage (will operate)	9-36VDC	32-95VDC	48-95VDC
Voltage (Max.)	36VDC	95VDC	95VDC
Inrush Current (Max.)	3.8A	1.3A	0.7A
Holding Current (Avg.)	0.13A,12V/0.07A,24V	0.03A,48V	0.02A,72V
Pickup (close) Voltage Max.	9VDC	32VDC	48VDC
Hold Voltage (Min.)	7.5VDC	22VDC	34VDC
Dropout (open) Voltage (Min.)	6VDC	18VDC	27VDC
Inrush Time (Max.)	130ms	130ms	130ms

### Specifications

Contact Form	1 Form H (SPST-NO-DM)
Contact Resistance, Typ.	≤0.2mΩ
Insulation Resistance	10 <sup>9</sup> Ω
Dielectric Withstanding Voltage	2200 V(r.m.s)
Close (includes bounce), Typ.	15ms
Release (includes arcing), Max	12ms
Weight, Nominal	≤430g

Dimensions(Unit:mm)

