

CYBEREX® DSTS

DIGITAL STATIC TRANSFER SWITCH

PRODUCT SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Ampacity	100 – 800 AMP
Voltage	120 VAC
Interrupt Rating	65A
# Poles	1 – pole
Frequency	60 Hz

OPERATIONAL CHARACTERISTICS

Transfer	Automatic or Manual
Auto Transfer	4 ms (or less)
Controls	Preferred Select Transfer: 2 ms Retransfer Control Alarm Silence Mode Control
Temperature	0 – 40 C
Humidity	0 – 95% non-condensing
Audible Noise	< 50 dBA at 1 meter
Alarm Relays (programmable)	Source 1 Source 2 Manual Mode Auto Re-transfer off Critical Alarm Summary Alarm

USER INTERFACE

Status Indicators	Indicators (LEDs)
Source 1 (Available)	Source 1 (Preferred)
Source 1 (Preferred)	Source 2 (Preferred)
Source 2 (Available)	On Source 1
Source 2 (Preferred)	On Source 2
On Source 1	Source 1 (Available)
On Source 2	Source 2 (Available)
Output Available	Output Available Re-transfer Off Source 2 (Preferred) Manual Mode Active Fan Failure Transfer Inhibited Summary Alarm

PRODUCT SPECIFICATIONS

ALARMS

Fan Fail	- Shorted SCR Source 1
Over-temperature	- Shorted SCR Source 2
Manual Mode	- Transfer Inhibited
Auto Retransfer Off	- Source 1 Unavailable
Surge Device Fail	- Source 2 Unavailable
Output Unavailable	- Loss of Internal Comm.
Open SCR Source 1	- Critical Alarm
Open SCR Source 2	- Summary Alarm

STANDARDS

NEMA (All applicable standards)
Designed to UL 1008

Amps	Volts	Dim. (WxDxH)	Weight	Model #
100A	120V	25" x 34" x 77"	1000 lbs	DSFO-10100-126-120-6N065
200A	120V	25" x 34" x 77"	1200 lbs	DSFO-10200-126-120-6N065
400A	120V	25" x 34" x 77"	1400 lbs	DSFO-1400-126-120-6N065
600A	120V	25" x 34" x 77"	1500 lbs	DSFO-10600-126-120-6N065
800A	120V	37" x 34" x 77"	1600 lbs	DSFO-10800-126-120-6N065

Thomas & Betts Power Solutions

5900 Eastport Blvd. • Richmond, VA U.S.A. 23231-4453 USA

Tel: (804) 236-3300 • Toll free: (800) 238-5000 • Fax: (804) 236-4841 • www.Cyberex.com

