



3:3
PHASE

BNO STS SERIES(3P-4P) STATIC TRANSFER SWITCHES

from **50A - 800A**



TOWER



LCD DISPLAY



EASY
SERVICE



INPUT SOURCE
OPTION





DATA CENTER



MEDICAL



INDUSTRY



TRANSPORTATION



COMPLEXES



BNO-STS 3P-4P SERIES

BNO-STS, allows instantaneous transfer of power sources to the load device to ensure continuous and reliable power distributions.

- 2 AC input with 3 phase switching (3 source input option)
- Uninterruptible transfer between the independent sources
- Synchron/asynchron transfer feature
- Source priority selection
- 3 pole and neutral transfer 4 pole option
- Automatic and Manual transfer in case of failure on both sources
- Internal manual bypass
- Event Log with detailed parameters
- Input voltage parameter selection from the menu
- Easy Maintenance
- High Efficiency
- RS232/RS485 communication capabilities
- Modbus,SNMP multi communication
- Dry contacts

bNO
E L E C T R O N I C S
BACKUP & NETWORK OPERATIONS

BNO-STS SERİSİ

(3 and 4 Pole)

MODEL	BNOSTS 3050 BNOSTS 4050	BNOSTS 3100 BNOSTS 4100	BNOSTS 3150 BNOSTS 4150	BNOSTS 3200 BNOSTS 4200	BNOSTS 3250 BNOSTS 4250	BNOSTS 3300 BNOSTS 4300	BNOSTS 3400 BNOSTS 4400	BNOSTS 3600 BNOSTS 4600	BNOSTS 3800 BNOSTS 4800
Nominal current	50A	100A	150A	200A	250A	300A	400A	600A	800A
Electrical Data									
Input Voltage	380/400/415 VAC 3Ph + N + G								
Input Voltage Range	180-264 VAC (Ph-N)								
Input Frequency	50Hz / 60Hz								
Input Frequency Range (operation range adjustable)	46-54 Hz (for 50 Hz) 56-64 Hz (for 60 Hz)								
Input Source Quantity	2 pcs (3 pcs* Optional)								
Transfer Type	Break before make								
Transfer Methods Available	Automatic / Manual / Remote								
Transfer Control	Synchron With Adjustable Delay (non synchron) Zero Current (non synchron)								
Transfer Time	≤4 msec for synchronous sources ≤ 10 msec for non-synchronous sources								
Switching Type	3-Poles: 3 phase switching / 4-Poles: 3 phase + Neutral switching								
Output Current Crest Factor	3:1								
Admissible Overload	0-100% continuous 101-150% 10 minutes 151-200% 10 second >200% 250 msec								
Protections	Output overload and short circuit protection, Overtemperature protection								
LCD Panel and Mimic	Standard								
Communication	RS232 standard, RS485 (optional) , SNMP (optional)								
TCP/IP Connection	Optional								
Dry Contacts	3 or 5 programmable relay output options								
Modbus	Optional								
Environmental Data									
Cooling	Forced cooling								
Operating Temperature	0°C - 40°C								
Storage Temperature	-10°C - +50°C								
Relative Humidity	90% max. (non-condensing)								
Protection Degree	IP20								
Standards	EN 62310-1, EN 62310-2								
Max. Operation Height	1000 meters at nominal current rating								
Acoustic Noise	<45 dBA		<52 dBA				<60 dBA		
Mechanical Data									
Net Weight 3 Pole (kg)	120	125	145	175	185	210	230	340	510
Net Weight 4 Pole (kg)	140	155	170	185	215	220	225	370	550
H x W x D (cm)	720x260x675		1320x680x570				1900x800x850		
Power Cables Connection	Terminals								

* 3 source input STS dimension may change.

The company reserves the right to change specifications and designs without notice.



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