



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

from **1000 - 4000A**



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-STS SERIES

(3 and 4 Pole)

MODEL	BNOSTS 31000 BNOSTS 41000	BNOSTS 31200 BNOSTS 41200	BNOSTS 31400 BNOSTS 41400	BNOSTS 31600 BNOSTS 41600	BNOSTS 31800 BNOSTS 41800	BNOSTS 32000 BNOSTS 42000	BNOSTS 33000 BNOSTS 43000	BNOSTS 33000 BNOSTS 44000	BNOSTS 33500 BNOSTS 43500	BNOSTS 34000 BNOSTS 44000
Nominal current	1000A	1200A	1400A	1600A	1800A	2000A	2500A	3000A	3500A	4000A
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										
H x W x D (cm)	2100x2400x1400			2100x3800x1400			2100x6000x1400			
Power Cables Connection	Terminals									

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



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