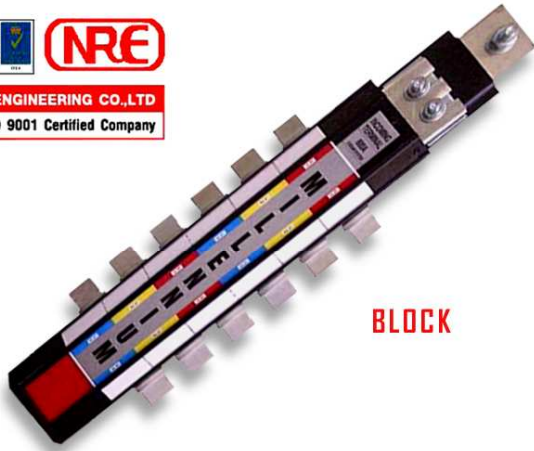




Betelco
POWER SOLUTIONS



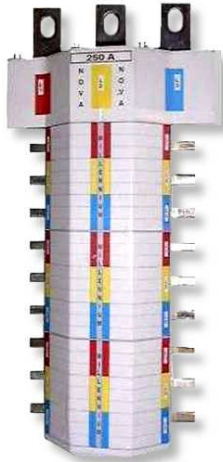
N.R. ENGINEERING CO.,LTD
An ISO 9001 Certified Company



BLOCK



NOVA



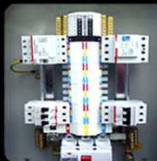
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BLOCK (400A / 800A)
NOVA (150A - 250A)
MILLENNIUM BUSBAR SYSTEM



Description

Millennium Busbar System is manufactured in **Thailand** with technology from the **UK**. It is safer and has many benefits over conventional systems. All Millennium units are fully insulated and totally encapsulated in a composite proprietary matrix filler giving a fault free unit without nuts, bolts, rivets or other loose or fault provoking components. Two models are available, **BLOCK** and **NOVA**.

BLOCK

A totally encapsulated, fully insulated, **400A to 800A** busbar system, including a fully rated (**800A**) neutral.

The **800A** system **ASTA certified 50KA for 1 second unconditional**.
The **400A** system **ASTA certified 40KA for 1 second unconditional**.

Standard poles are 3 pole (BT). Full multipole (BM) systems are available on request. Both are **rated up to and including 800A**. Other options, and special configurations, are available on request, but be subject to a minimum order requirement. Color coding for all outgoing connections.

The small and compact size (**less than 100 mm x 100 mm is cross section**) with the length from 501 mm for the 6 way, to 806 mm for a full 12 way block, means that additional space is available within the switchboard or the cubicle size can be reduced by up to 25%.

The Millennium Block will accommodate most major manufacturers MCCB's without the need for expensive adaptors. Thus saving not only cost, but time in installation.

Incoming terminals **designed to accept up to 800A incoming interconnections** from fused switches. MCCB's, isolators or direct connections to main cubicle bus systems **35 mm, 30 mm and 25 mm** outgoing terminal centers as standard. Other centers and mixed configurations available on request.

Suitable for BSEN/IEC 60439-1 1999 from 1 - 4 switchboard construction. Outgoing neutral terminals on BM models eliminate the need for expensive, and time and space consuming, wiring of remote neutral assemblies.

NOVA

A totally encapsulated, fully insulated, **150A to 250A** busbar system, including a fully rated neutral if required.

The **Nova** is **ASTA certified with a fault rating of 60KA conditional**. Standard models are triple pole, triple pole with integrated neutral assembly or neutral extension, single pole, double pole and full multipole systems, and are **rated up to and including 250A**.

Other options, and special configurations, are available on request, but may be subject to a minimum order requirement. Color coding for all connections. Small and compact size (**67 mm x 61 mm is cross section**).

The Millennium Nova will accommodate most major manufacturers MCB's and MCCB's. The Millennium Nova will also accommodate 125A MCB's & MCCB's. Standard incoming terminals are designed to accept up to 250A incoming devices/interconnections. Outgoing terminals are at **35 mm, 30 mm, 25 mm or 18 mm** terminal centers, to accommodate fused switches, MCB's, MCCB's, isolators or direct connections to main cubicle busbar systems. Shrouds for space outgoing terminals available.

Suitable for BSEN/IEC 60439-1 1999 from 1 - 4 switchboard construction. Outgoing neutral terminals on full multipole, or triple pole units with integrated neutral assembly, eliminate the need for expensive, and time and space consuming, wiring of remote neutral assemblies.



Product Features

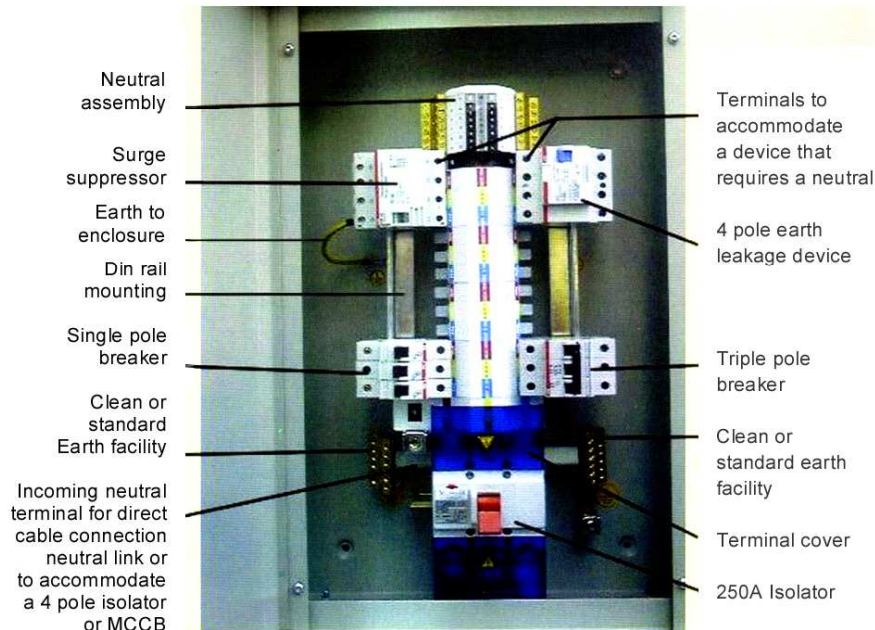
- Maintenance free - no joints, nuts or bolts
- Accommodates - MCCB's, MCB's, switches, fused switches & direct connections
- Accommodates most major OEM's MCCB's & MCB's and other outgoing devices
- No adaptors needed for most manufacturers devices
- Fully protected from atmospheric conditions
- Safer than conventional systems
- ASTA certified
- Cheaper and faster to install than conventional systems
- Saves space (for SDB, DB, MDB & EDB box)
- 250A, 400A, 800A busbar with terminal centers at industry standards. Other centers & mixed configurations may be available on request

BT-Triple Pole 400A Units

25 mm c/c outgoing terminals	
TP way	Model ref.
4 way	BT04/25/4
6 way	BT06/25/4
8 way	BT08/25/4
10 way	BT10/25/4
12 way	BT12/25/4

VT-Triple Pole 250A Units

18 mm c/c outgoing terminals	
TP way	Model ref.
4 way	VT04/18/2.5
6 way	VT06/18/2.5
8 way	VT08/18/2.5
10 way	VT10/18/2.5
12 way	VT12/18/2.5
14 way	VT14/18/2.5
16 way	VT16/18/2.5
18 way	VT18/18/2.5



For a detailed catalogue, product range, price schedule and for additional information on Millennium Busbar System please contact our office.