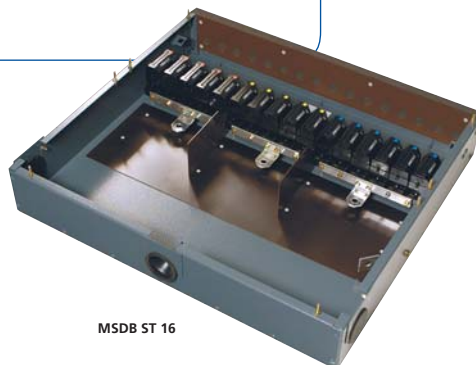


MSDB Multi Service Distribution Boards

Horizontal Busbar Arrangement

Features

- MANUFACTURED IN LIGHT GREY GLASS REINFORCED POLYESTER (GF) OR 1.6MM STEEL (ST) AND PAINTED WITH EPOXY POWDER ELECTROSTATIC OVEN CURED PAINT
- POLYESTER STOVE ENAMELLED TEXTURED PAINT FINISHED IN ADMIRALTY GREY TO BS 381C SHADE NO. 632
- FITTED WITH TWO PART REMOVABLE OUTER COVER AND FOUR BOSSES FOR WALL MOUNTING
- HORIZONTAL BUSBAR ARRANGEMENT
- SECURITY SEALING FACILITY ON PHASE CUT-OUTS AND OUTER COVER
- INTERIOR FITTED WITH BS 7657: 1993 CUT-OUTS USING IIb TYPE FUSES (MAXIMUM RATING 100A)
- 300A BUSBAR RATING
- INTERNAL PROTECTION TO IP2XB
- INCOMING CABLE NOMINAL 185MM² ENTERING THROUGH PVC GROMMET IN ONE OF THREE POSITIONS
- OUTGOING CABLES NOMINAL 35MM² EXIT THROUGH PVC GROMMETS OR THROUGH A CLOSED CELL FOAM TOP PLATE. INSULATED FRONT SCREENS PROTECT LIVE INCOMING TERMINALS
- TERMINATION BY COMPRESSION OR MECHANICAL CONNECTORS ONTO COPPER BUSBARS
- SOLID BRASS 2 PIECE NEUTRAL/EARTH BAR WITH LINK FACILITY AND TUNNEL TERMINATIONS HAVING 8MM DIAMETER TERMINAL PINCHING SCREWS
- EARTH CONNECTION MANUFACTURED IN HARD DRAWN COPPER WITH BRASS STUD
- CIRCUIT IDENTIFICATION/LABELLING FACILITY



MSDB ST RM 12

SMC2

Ref.	Busbar Arrangement	Material	Description	No of ways
MSDB GF 7	Horizontal	Glass Fibre	7 SP/N cut-out with 3 blank ways	7
MSDB GF 10	Horizontal	Glass Fibre	10 SP/N cut-out	10
MSDB ST 7	Horizontal	Steel	7 way SP/N cut-out	7
MSDB ST 10	Horizontal	Steel	10 way SP/N cut-out	10
MSDB ST 16	Horizontal	Steel	16 way SP/N cut-out	16
MSDB ST RM 12	Vertical	Steel	MSDB for rising main	12
MSDB ST RM 18	Vertical	Steel	MSDB for rising main	18
MSDB ST RM 24	Vertical	Steel	MSDB for rising main	24
MSDB ST RM 30	Vertical	Steel	MSDB for rising main	30
MSDB ST RM 36	Vertical	Steel	MSDB for rising main	36
MSDB ST J 12	Vertical	Steel	Combined MSDB and J	12
MSDB ST J 18	Vertical	Steel	Combined MSDB and J	18
MSDB ST J 24	Vertical	Steel	Combined MSDB and J	24
MSDB ST J 30	Vertical	Steel	Combined MSDB and J	30
MSDB ST J 36	Vertical	Steel	Combined MSDB and J	36

MSDB Multi Service Distribution Boards

Vertical Busbar Arrangement

Features

- MANUFACTURED IN 1.6MM STEEL AND PAINTED WITH EPOXY POWDER ELECTROSTATIC OVEN CURED PAINT
- POLYESTER STOVE ENAMELLED TEXTURED PAINT FINISHED IN ADMIRALTY GREY TO BS 381C SHADE NO. 632
- VERTICAL BUSBAR ARRANGEMENT
- ONE PIECE 1.6MM STEEL REMOVABLE COVER WITH SECURITY SEALING FACILITY
- FOUR BOSSES FOR WALL MOUNTING
- FITTED WITH INTERIOR BS 7657:1993 CUT-OUTS USING I^2b FUSES MAXIMUM RATING 100A
- 500A BUSBAR RATING
- INTERNAL PROTECTION TO IP2XB
- INCOMING CABLE NOMINAL 300mm^2 ENTERS TOP OR BOTTOM THROUGH PVC GROMMET TERMINATION BY COMPRESSION OR MECHANICAL CONNECTORS ONTO COPPER BUSBARS
- OUTGOING CABLES NOMINAL 35mm^2 EXIT ENCLOSURE THROUGH A CLOSED CELL FOAM TOP PLATE. INSULATED FRONT SCREENS PROTECT LIVE INCOMING TERMINALS
- CIRCUIT IDENTIFICATION/LABELLING FACILITY
- SOLID BRASS NEUTRAL BLOCK
- OPTIONAL SOLID BRASS EARTH BLOCK
- REMOVABLE NEUTRAL/EARTH LINK FACILITY
- AVAILABLE IN PME OR SNE CONFIGURATION
- MSDB ST J IS AVAILABLE WITH FUSED INCOMER, MANUFACTURED IN 2MM STEEL (630A BUSBAR RATING)



MSDB ST RM 12



MSDB ST J Type

	Fuse rating	Dimensions in mm
	100A	H652 W576 D143
	100A	H652 W576 D143
	100A	H602 W392 D147
	100A	H741 W533 D147
	100A	H741 W815 D147

	100A	H1020 W457 D192
	100A	H1020 W551 D192
	100A	H1020 W645 D192
	100A	H1020 W739 D192
	100A	H1020 W833 D192
	100A	H1120 W513 D440
	100A	H1120 W607 D440
	100A	H1120 W701 D440
	100A	H1120 W795 D440
	100A	H1120 W889 D440

Ref.	Cable Termination Options
SMC2	Shear Head Mechanical Connectors for 185mm^2 cable
SMC3	Shear Head Mechanical Connectors for 300mm^2 cable
LT	Lug Termination

Example:

MSDB ST RM 12 - SMC2

MSDB for rising main, steel material, 12 ways, and fitted with mechanical connectors for 185mm^2 cables