

VOLTSMART®

DISTRIBUTION BOARDS

Product code	Product range	Issue No.	Issue Date	Issue By
VSD63 / VSD100	Voltage optimisation	A	23/01/2023	S.A.H

Description

All in one, Auto-transformer unit and consumer unit.
C/W type 2/3 surge protection device.

Features

- Selectable voltage to suit installation.
- 1 x 32A Arc fault detection device.
- 1 x Automatic fire suppression system.
- Type 2/3 surge arrester.
- Supplied with 1 x 100A isolator & load protection mcb.
- Twin 63 A 30 mA Type A rcd's.
- Fully populated with 11 x mcb's, 1 x afdd
- Full compliment of earth and neutral terminals, busbar, marking.
- Labels and instructions.
- Amendment 3 compliant.
- Metal clad enclosure.

General Characteristics	6 + 6 way Optimised Split load unit
Standards	BS EN 61439-3
Current Rating	63A
Input Voltage	216 - 253 V ~
Optimised Output Voltage	-6% , -8% , -10%
Efficiency	>99.7%
Frequency	50 Hz.
Fault current Rating	16kA
No. of Poles	Single pole
No. of ways	21
Useable ways	12
IP Rating	IP4XC
TerminalCapacity	35 mm ²
Incomer device	Isolator
Cable entry	40 mm K.O's + Rear Cutouts
Material (Enclosure)	Mild Steel
Finish	Powder coat white RAL 9010
Dimensions	63A (W = 503 mm) x (H = 258 mm) x (D = 198mm) 100A (W = 553 mm) x (H = 258 mm) x (D = 198mm)



Surge device details

Remote indication	Yes
Designation according to EN 61643-11	Type 2/3
Maximum continuous operating voltage (L-N)	275V
Maximum discharge Current (8/20) (L-N)	15A
Nominal discharge Current (8/20) (L-N)	5 A
Maximum back-up fuse	63A/100A
Visual end of life indication	Yes

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