

Double Stacked 28 ways (13+15) Metal Consumer Unit with 100A Main Switch & T2 SPD & Connector

- 32 module double stacked full metal enclosure
- 13+15 ways available
- 100A main switch
- T2 20-40kA 1P+N SPD
- Include tail clamp for incoming live and neutral tails



General information

Mounting method	Surface mounted
Number of modules	32
Number of available modules	28
Number of rows	2
Barcode (EAN-13)	5060690136767

Technical information

Standard	BS EN 61439-3
Number of phases	Single phase
Rated current (I_{nA})	[A] 100
Rated operational voltage (U_e)	[V] 230
Type of current	AC
Frequency (f)	[Hz] 50
Rated insulation voltage (U_i)	[V] 500
Rated impulse withstand voltage (U_{imp})	[kV] 4
Rated short-time withstand current (I_{cw})	[kA] 10
Rated conditional short-circuit current (I_{cc})	[kA] 16
Overvoltage category	III
Pollution degree	2
Location type	Indoor
Altitude	[Meter] < 2000
Ambient air temperature for operation	
• Minimum	[°C] -5
• Maximum	[°C] +40
Ambient air temperature for storage	
• Minimum	[°C] -40
• Maximum	[°C] +75
Degree of protection (IP)	IP2XC

Degree of protection (IK)	IK07
Enclosure material	Steel
Surface finish	Powder paint
Colour	Fresh white
RAL colour number	9016
Information for incomer device	
Type	Switch disconnecter
Standard	BS EN 60947-3
Product code	E-DM24
Rated current I_n [A]	100
Number of poles	1P+N
Neutral position	Neutral right
Information for surge protection	
Surge protection	Yes
Standard	BS EN 61643-11
Product code	DSCY251N2R
Test class	II
Network configuration	1P+N (1+1)
Maximum continuous operating voltage (U_c) [V]	275
Norminal discharge current (8/20 μ s) (I_n) [kA]	20
Maximum discharge current (8/20 μ s) (I_{max}) [kA]	40
Voltage protection level (U_p) [kV]	< 1.3 (L-N) , < 1.5 (N-PE)
Response time [ns]	< 25
Maximum backup fuse [A]	125 gL
Integrated with remote indication contact	Yes

Connection information

	Connection capacity [mm ²]	Torque [N.m]
Terminal bar	16	1.7
Main switch	35	2.5
Surge protective device	16	2
Cover screws	/	2

Package information

Package level 1	
Type	Box
Number of units in package level 1 [pcs]	1
Weight [kg]	6.2
Length [cm]	35.5
Width [cm]	12.8
Height [cm]	53.5
Package level 2	
Type	Pallet

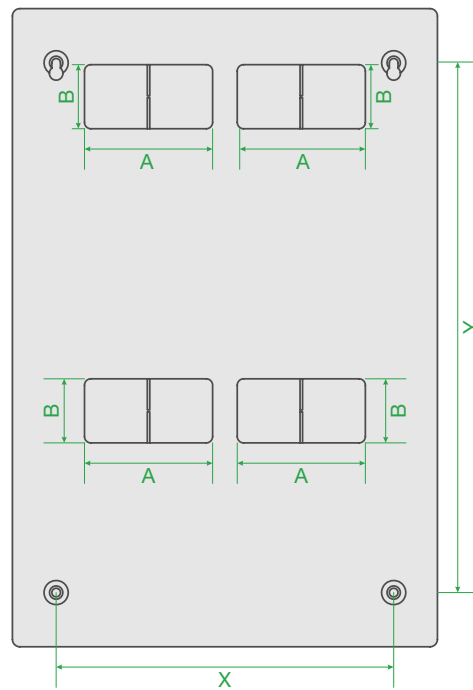
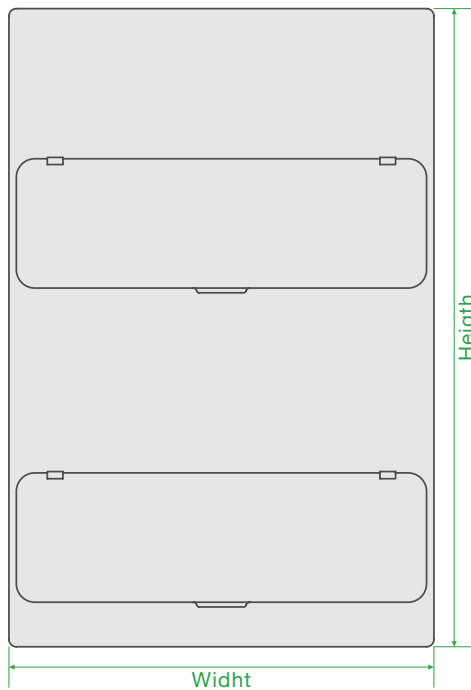
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Number of units in package level 2	[pcs]	46
Weight	[kg]	300.2
Length	[cm]	120
Width	[cm]	100
Height	[cm]	125

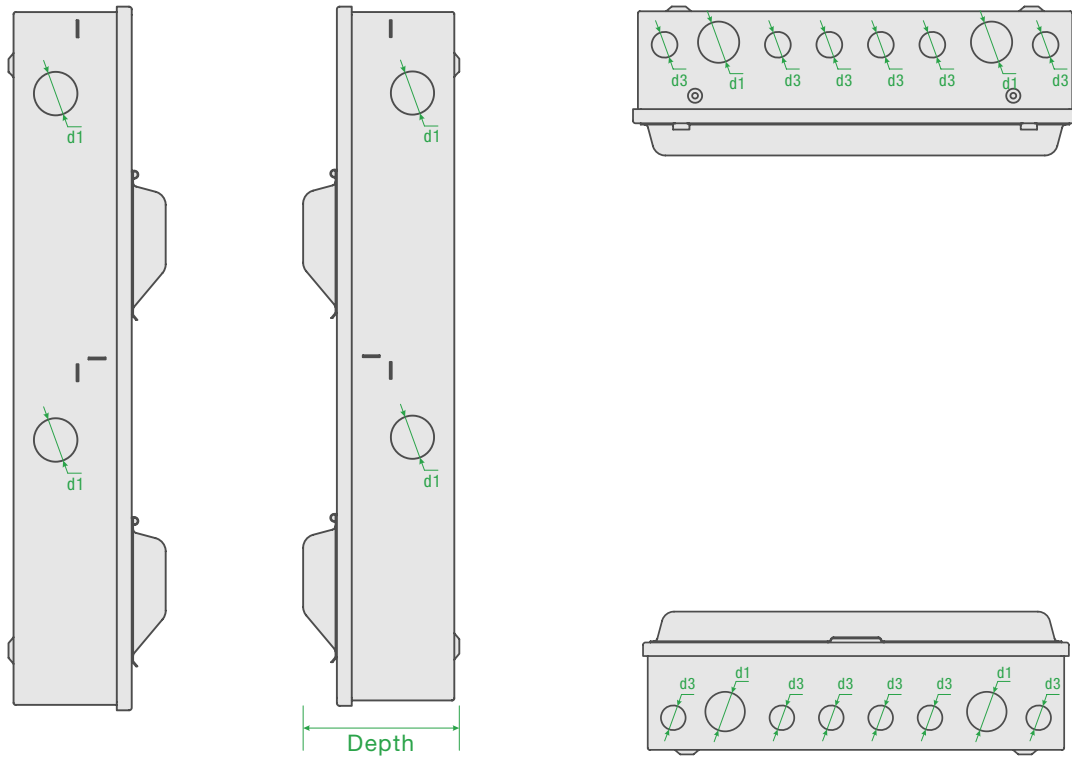
Knock-outs & dimensions

		Top face	Bottom face	Left side	Right side	Rear face
d1 = 32 mm	○	2	2	2	2	-
d2 = 25 mm	○	-	-	-	-	-
d3 = 20 mm	○	6	6	-	-	-
A = 40 mm, B = 30 mm	□	-	-	-	-	-
A = 104 mm, B = 52 mm	□□	-	-	-	-	4

Width	Height	Depth	X hole	Y hole	Weight
[mm]	[mm]	[mm]	[mm]	[mm]	[kg]
345	518	115	274	430	5.6



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Certificate



Danson Electrical UK Limited.