

2 Ways Metal Consumer Unit with 100A Main Switch

- 4 module full metal enclosure
- 2 ways available
- 100A main switch
- Include tail clamp for incoming live and neutral tails



General information

Mounting method	Surface mounted
Number of modules	4
Number of available modules	2
Number of rows	1
Barcode (EAN-13)	5060690130185

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

Danson Electrical UK Limited.

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	No
Standard	-
Product code	-
Test class	-
Network configuration	-
Maximum continuous operating voltage (U_c) [V]	-
Norminal discharge current (8/20 μ s) (I_n) [kA]	-
Maximum discharge current (8/20 μ s) (I_{max}) [kA]	-
Voltage protection level (U_p) [kV]	-
Response time [ns]	-
Maximum backup fuse [A]	-
Integrated with remote indication contact	-

Connection information

	Connection capacity [mm ²]	Torque [N.m]
Terminal bar	16	1.7
Main switch	50	2.5
SPD	-	-
Cover screws	/	2

Package information

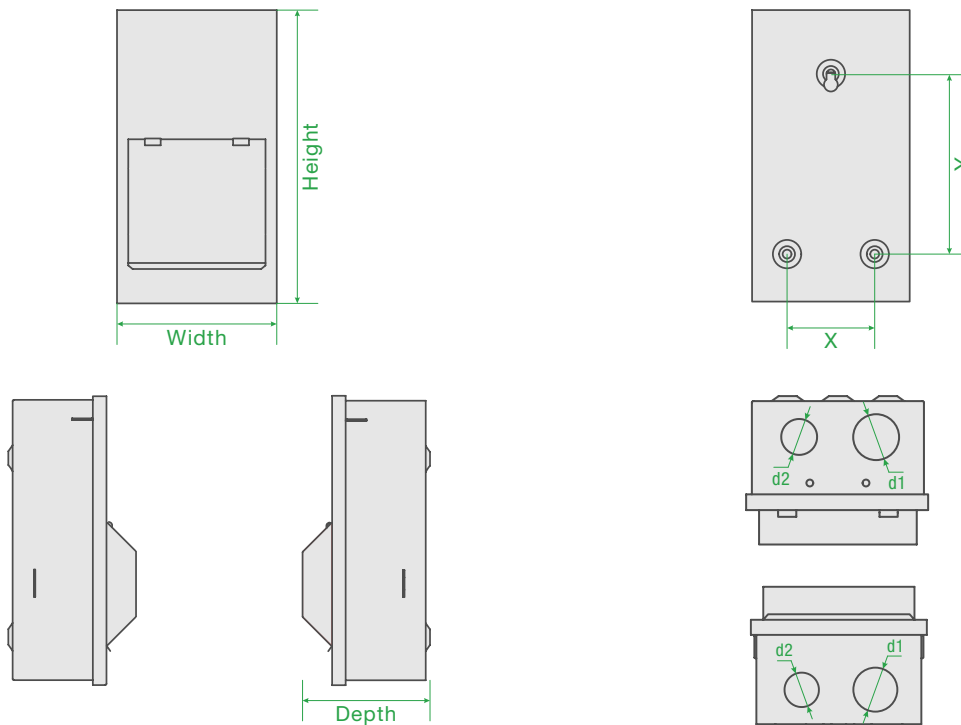
Package level 1		
Type		Box
Number of units in package level 1	[pcs]	1
Weight	[kg]	1.55
Length	[cm]	13.2
Width	[cm]	24.5
Height	[cm]	11.5
Package level 2		
Type		Pallet
Number of units in package level 2	[pcs]	259

Weight	[kg]	416.45
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	○	1	1	-	-	-
d2 = 25 mm	○	1	1	-	-	-
d3 = 20 mm	○	-	-	-	-	-
A = 40 mm, B = 30 mm	□	-	-	-	-	-
A = 104 mm, B = 52 mm	□	-	-	-	-	-

Width	Height	Depth	X hole	Y hole	Weight
[mm]	[mm]	[mm]	[mm]	[mm]	[kg]
128	235	105	70	145	1.42



Certificate

