

20 Ways Metal Consumer Unit with 100A Main Switch

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



General information

Mounting method	Surface mounted
Number of modules	22
Number of available modules	20
Number of rows	1
Barcode (EAN-13)	5060690130239

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

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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]	4.95
Length	[cm]	45.64
Width	[cm]	26.97
Height	[cm]	12.83
Package level 2		
Type		Pallet
Number of units in package level 2	[pcs]	80

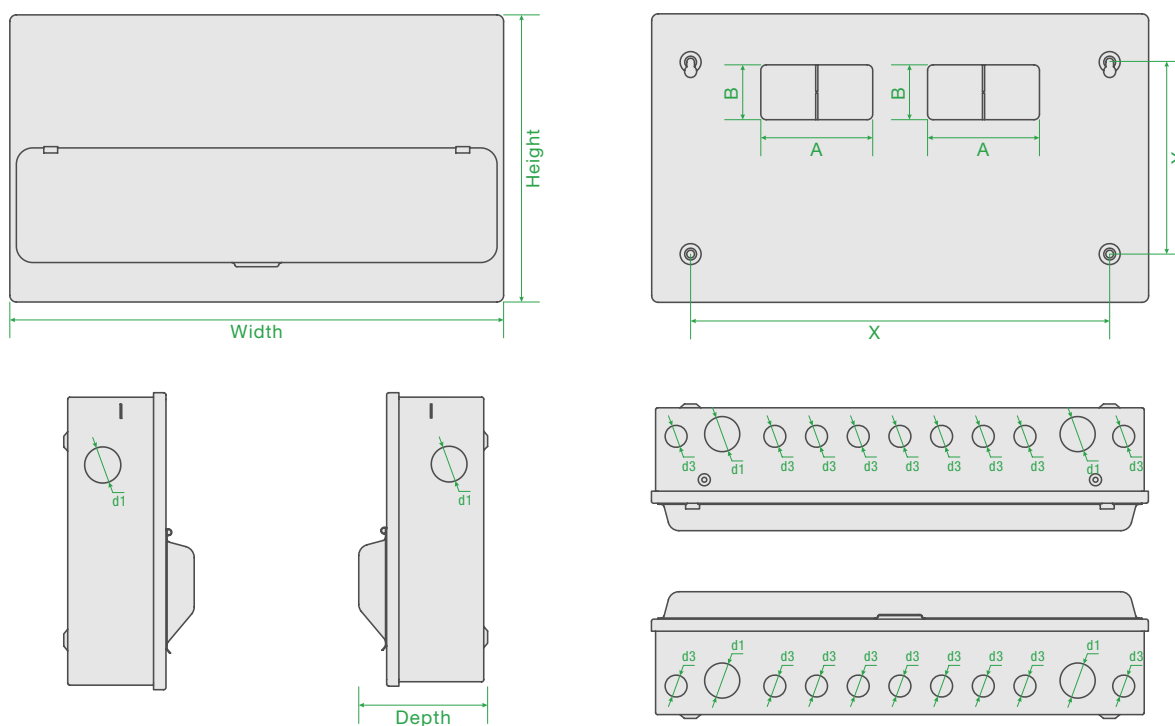
E-MM224

Weight	[kg]	411
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	1	1	-
d2 = 25 mm	○	-	-	-	-	-
d3 = 20 mm	○	9	9	-	-	-
A = 40 mm, B = 30 mm	□	-	-	-	-	-
A = 104 mm, B = 52 mm	□□	-	-	-	-	2

Width [mm]	Height [mm]	Depth [mm]	X hole [mm]	Y hole [mm]	Weight [kg]
454	264	115.3	382	175	4.62



Certificate

UK
CA

CE

TÜV Rheinland

CB

The information in this document is subject to change without notice.

v3.0

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