

13 Ways Metal Consumer Unit with T2 SPD and 80A 30mA RCD

- 16 module metal enclosure
- 13 ways RCD incomer
- 80A 30mA Type A RCCB
- T2 20-40kA SPD
- Include tail clamp for incoming live and neutral tails



General information

Mounting method	Surface mounted
Number of modules	16
Number of available modules	13
Number of rows	1
Barcode (EAN-13)	5060690135555

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	Residual current circuit breaker (RCCB)
Standard	BS EN 61008-1
Product code	E-DR2124
Rated current (I_n) [A]	80
Number of poles	2P
Neutral position	Neutral right
Wave form of residual current	Type A
Rated residual operating current ($I_{\Delta n}$) [mA]	30
Residual current protection time delay	General type without time-delay
Rated conditional short-circuit current (I_{nc}) [kA]	6
Rated conditional residual short-circuit current ($I_{\Delta c}$) [kA]	6
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	50	2.5
RCCB	35	2.5
SPD	16	2
Cover screws	/	2

Package information

Package level 1		
Type		Box
Number of units in package level 1	[pcs]	1
Weight	[kg]	3.82

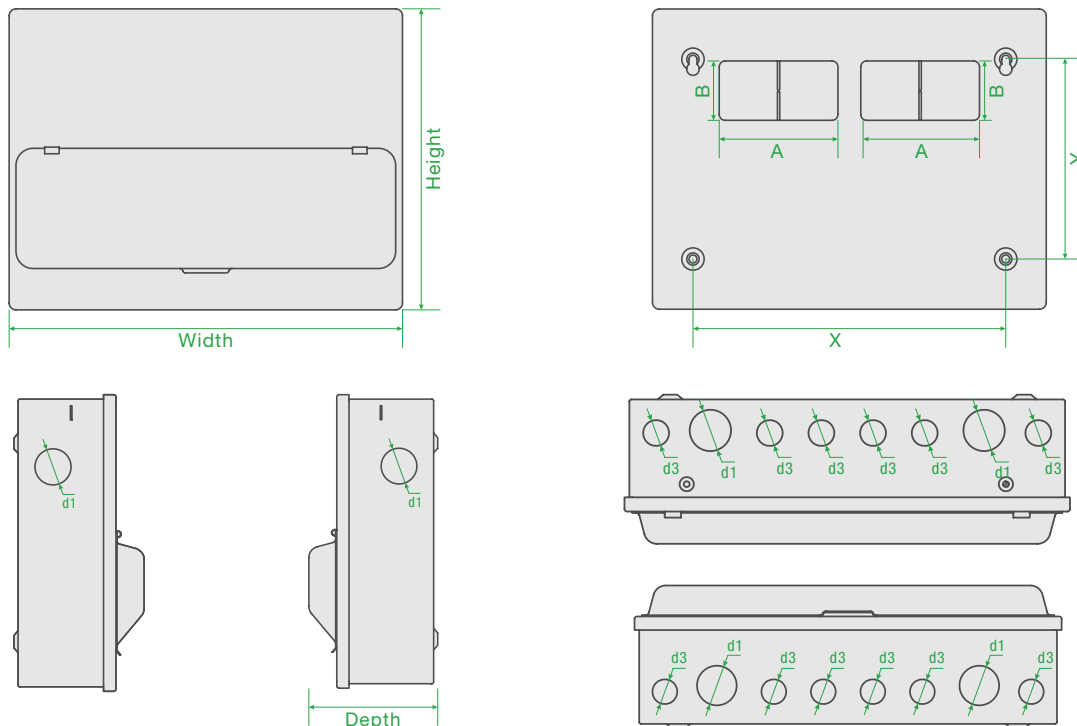
E-MR163/SPD1

Length	[cm]	34.84
Width	[cm]	26.97
Height	[cm]	12.83
Package level 2		
Type		Pallet
Number of units in package level 2	[pcs]	104
Weight	[kg]	412.28
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	○	6	6	-	-	-
A = 40 mm, B = 30 mm	□	-	-	-	-	-
A = 104 mm, B = 52 mm	□□	-	-	-	-	2

Width	Height	Depth	X hole	Y hole	Weight
[mm]	[mm]	[mm]	[mm]	[mm]	[kg]
343.4	264.7	123.2	274	175	3.52



Certificate

