

Technical Characteristics

Standards	BS EN 61439-3
Classification	Consumer Unit
Rated & Operational Voltage (U_n/U_e)	230V a.c 50 Hz
Rated Insulation Voltage (U_i)	320V a.c. 50Hz
Rated Frequency (fn)	50 Hz
Rated impulse withstand voltage (U_{imp})	4kV
Rated Current of the Assembly (I_{na})	∞A
Rated Current of an Outgoing Circuit I_{nC}	MCB 6A-63A (Marked Rated Current on Device) RCBO ADA 1**G - 40A - 45A (Marked Rated Current on Device) RCBO ADA3**G - 6A - 32A (Marked Rated Current on Device)
Rated Conditional Short Circuit of the Assembly (I_{CC})	Annex ZB: 16kA rms at 250V, power factor 0.6 with equipment and arrangements specified in Hager's technical documentation/catalogue
Protection against electric shock	Consumer Unit shall be installed in an electrical system conforming to IEC 60364 / BS 7671
Rated Diversity Factor (RDF) / Values of assumed loading	10 way and above - 0.5
Note: RDF only applies to continuously and simultaneously loaded circuits. In principle, this means adjacent circuit breakers having a load on time exceeding 30 minutes or where a load not exceeding 30 minutes has an 'off' time less than the 'on' time will need to have the rated diversity factor applied as indicated.	
Pollution Degree	2
Types of System Earthing for which the assembly is designed	TNC-S and TN-S when installed in an electrical system conforming to BS 7671
Intended locations	Indoor use only
Stationary assembly	
Degree of protection	IP2XC with door open / closed and full compliment of devices / blanks fitted. Note: Where cables are installed through the top wall of the enclosure, gaps of IP4X to be maintained.
Intended use	Intended for use in domestic (residential) or similar premises
Electromagnetic compatibility (EMC) classification	EMC environment B
External design	Wall mounted, surface type, enclosed assembly.
Mechanical impact protection	IK05
Type of construction	Fixed parts
Incoming Line/Neutral terminal	50mm ²
Incoming Earth Terminal	16mm ²





Warranty - Hager undertakes to replace or repair at its discretion products should they become inoperable within the time periods as stated - 2 Years.

Accessories

38mm Open Grommet	Allows protection of cables entering top or bottom of the enclosure	VMGROM
Grommet strip	For protecting cables against damage when entering the board	VM05GS

Flush Design 10 Dimensions (mm)

	Enclosure Size		
	5	6	7
Height	282	282	282
Width	407	443	515
C	32	32	32
D	370	406	478
E	252	252	252
F	72	72	72

	Number of Knockouts		
 Top Face 50 x 20 (mm)	5	6	7
 Bottom Face 50 x 20 (mm)	5	6	7
 Back 100 x 50 (mm)	2	2	3
 Left Face 20.8 (mm)	1	1	1

