



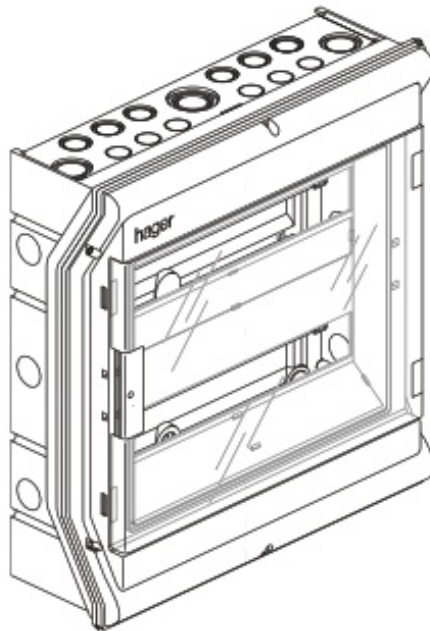
hager Vector Surface Mounted Distribution Board Instructions

[Home](#) » [hager](#) » hager Vector Surface Mounted Distribution Board Instructions 



6LE003107F

Vector
Mounting instructions



Contents

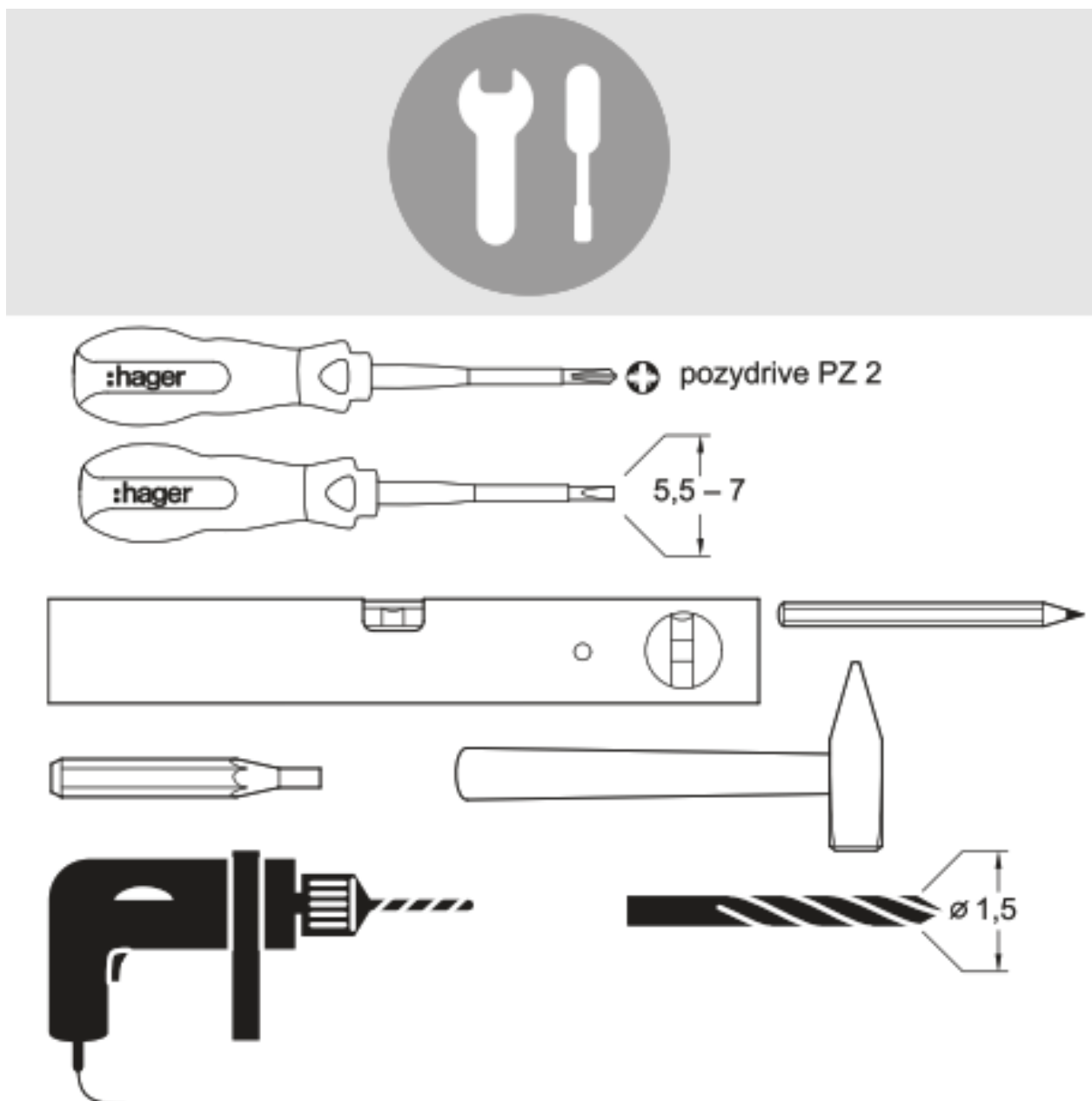
[1 Vector Surface Mounted Distribution Board](#)

[2 Documents / Resources](#)

[2.1 References](#)

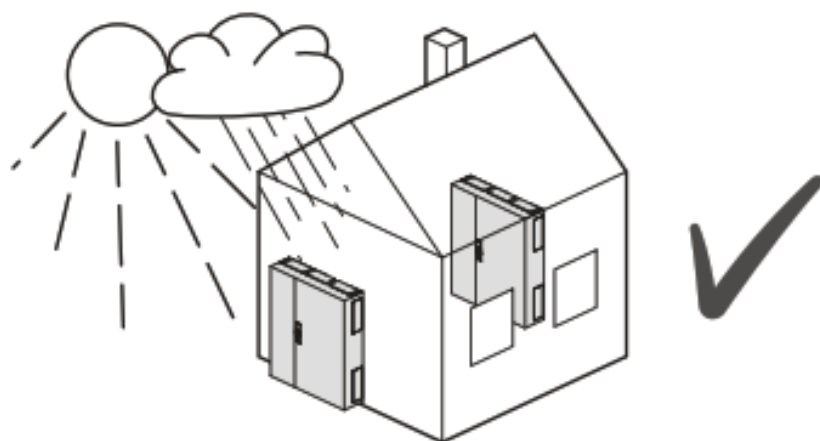
[3 Related Posts](#)

Vector Surface Mounted Distribution Board





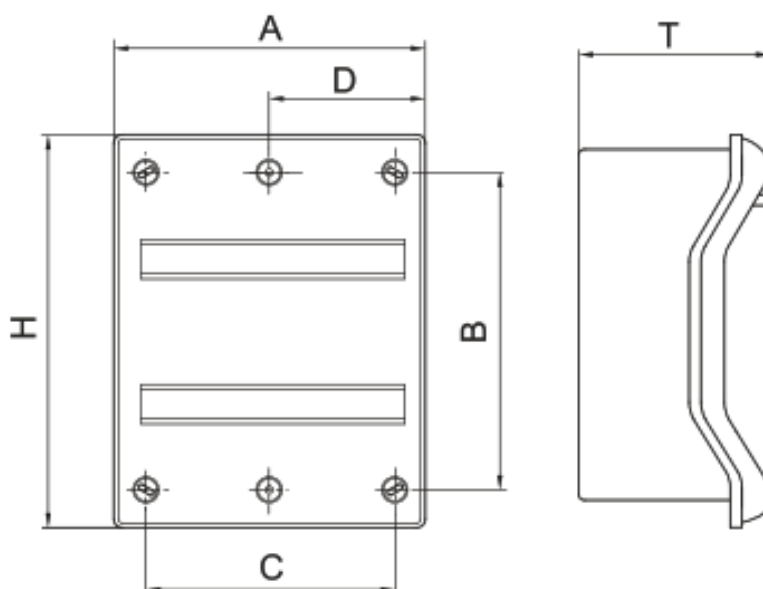
	VE103	VE106	VE110	VE112	VE212	VE312	VE412	VE118	VE218	VE318
	1	1	1	1	1	1	1	1	1	1
	2	3	3	8	8	8	8	8	8	8
				2	2	2	2	2	2	2
	1	1	1	1	2	3	4	1	2	3
	1	1	1	1	2	3	4	1	2	3
				1	1	1	1	1	1	1



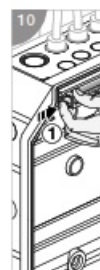
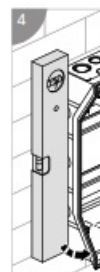
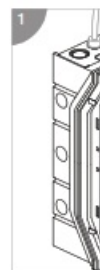
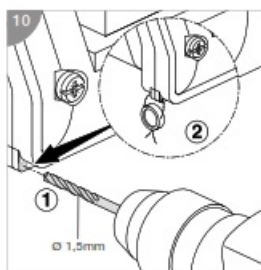
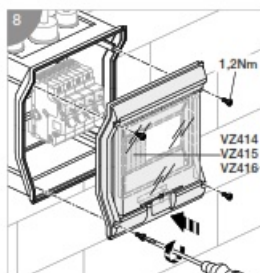
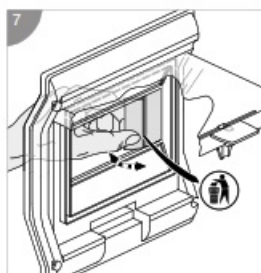
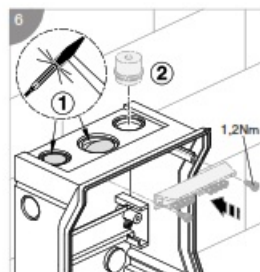
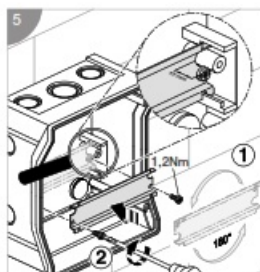
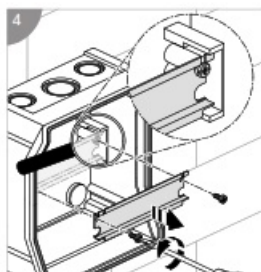
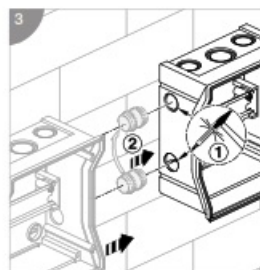
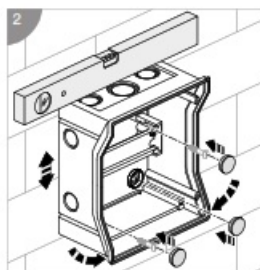
$\emptyset$
 $\emptyset = 5,7 \pi$

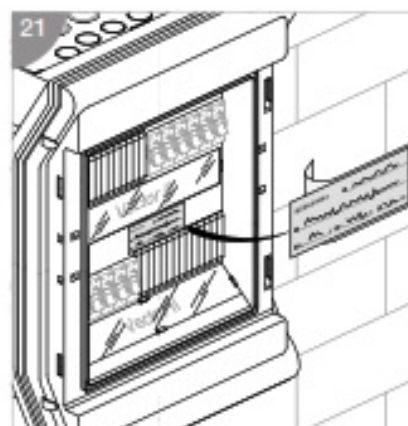
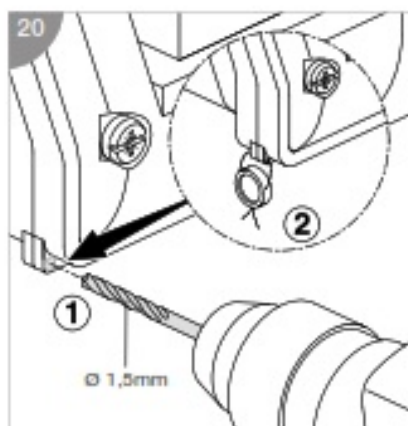
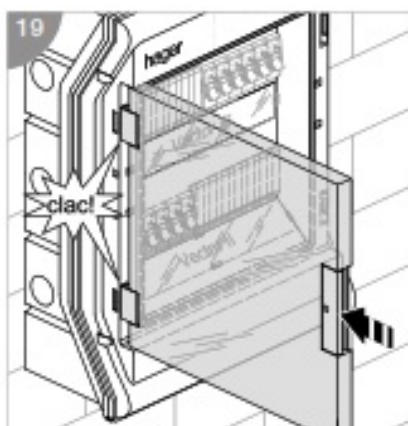
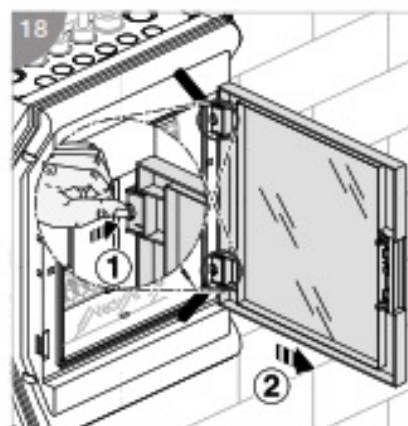
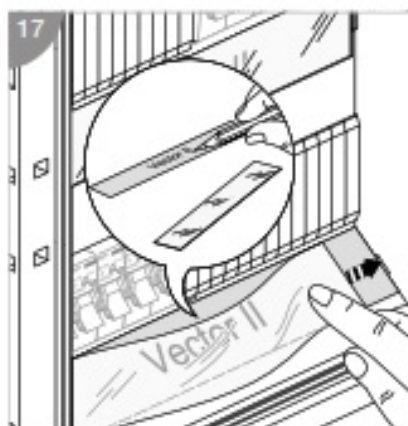
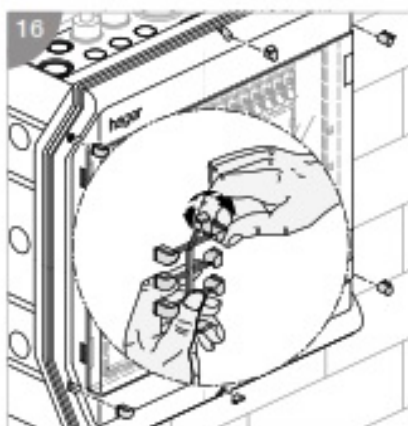
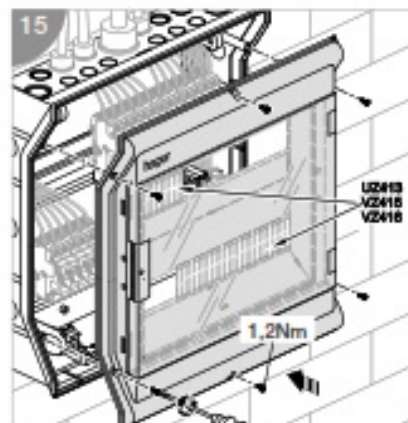
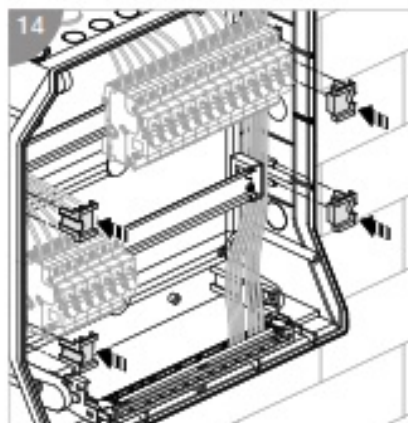
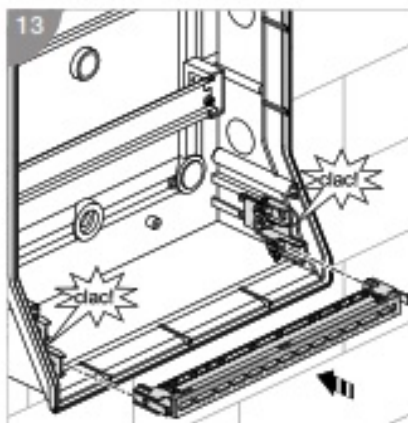
Tunnel Terminal	Solid Conductors	Stranded Conductors	4 to 16 mm ²	Flexible Conductors
0 = 5,7 mm	1,5 to 16 mm ²	1,5 to 2,5 mm ² Copper strands must be twisted (note)		1,5 to 10 mm ² with bootlace ferrules
0 = 8,1 mm	4 to 35 mm ²	4 to 6 mm ² Copper strands must be twisted (note)	10 to 35 mm ²	4 to 16 mm ² with bootlace ferrules

Note1: Copper strands must be firmly twisted together using a tool i.e. pliers



	A	H	T	B	C	D
VE103	111 mm	175 mm	93 mm	120 mm		
VE106	165 mm	190 mm	113 mm	126 mm	108 mm	
VE110	237 mm	210 mm	114 mm	136 mm	180 mm	
VE112	310 mm	302 mm	151 mm	155 mm	230 mm	115 mm
VE212	310 mm	427 mm	151 mm	280 mm	230 mm	115 mm
VE312	310 mm	552 mm	151 mm	405 mm	230 mm	115 mm
VE412	310 mm	677 mm	151 mm	530 mm	230 mm	115 mm
VE118	418 mm	302 mm	151 mm	155 mm	338 mm	169 mm
VE218	418 mm	452 mm	151 mm	305 mm	338 mm	169 mm
VE318	418 mm	602 mm	151 mm	455 mm	388 mm	169 mm





Attention!

It is critical that any enclosure is sized and selected to accommodate and dissipate heat rise generated from all installed devices. The table (right) provides maximum permissible heat dissipation for each golf enclosure size. Please ensure that you calculate the internal heat generated from your installation and select the correct enclosure accordingly.



1

VZ123CE



IEC/EN 61439-3 § 6.1



 company, entreprise, Firma
address, adresse, Adresse
address, ad
N°: order, ordre, Auftrags
IEC/EN 61439-3

01 01 2020
f_n...##...Hz
U_n...###...V
I_{nA}...##...A

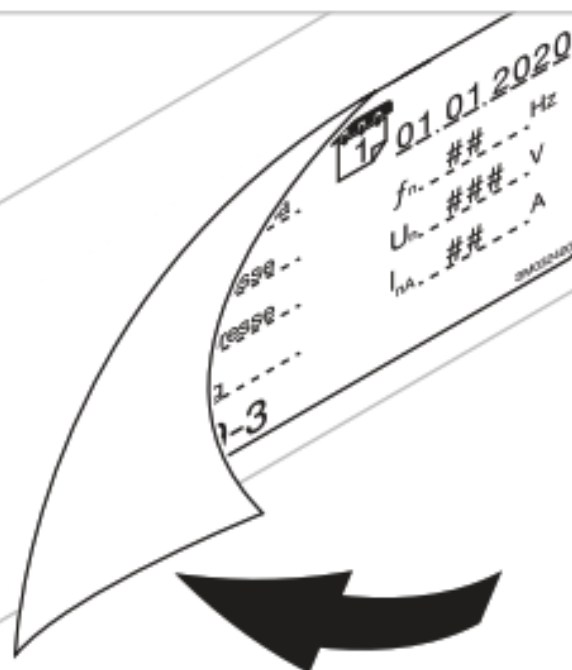
permanent marker

SM032400



2

:hager



Reference	Admissible thermal dissipation loss for surface-mounted distribution boards at temperature rise ΔT^*				
	10K W	15K W	20K W	25K W	30K W
VE103..	2,4	4,0	5,7	7,5	9,4
VE106..	3,2	5,3	7,6	10,1	12,6
VE110..	4,5	7,4	10,6	10,0	17,6
VE112..	7,7	12,8	18,3	24,2	30,3
VE212..	9,5	15,7	23,5	29,7	37,3
VE312..	11,3	18,8	26,8	35,4	44,4
VE412..	13,2	21,8	31,2	41,2	51,7
VE118..	9,9	16,4	23,5	31,0	38,9
VE218..	12,3	20,4	29,2	38,6	48,4
VE318..	14,8	24,6	35,2	46,4	58,2

*) ΔT is the temperature difference between the upper limiting temperature of the installed equipment and the ambient air temperature of the distribution board.

The Assembly (DBO) designated markings must be completed as specified in IEC/EN 61439 – 3 clause 6.1.

Hager Industrial de Envolventes S.A., Alfred Nobel 18, 08430 La Roca Del Valles, Spain

T +34 93 842 47 30

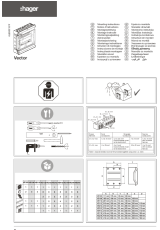
F +34 93 842 24 64

info@hager.com

hager.com

02.2022

Documents / Resources

	hager Vector Surface Mounted Distribution Board [pdf] Instructions Vector, Surface Mounted Distribution Board, Mounted Distribution Board, Distribution Board, Vector, Board
---	--

References

- [:h Hager worldwide](#)