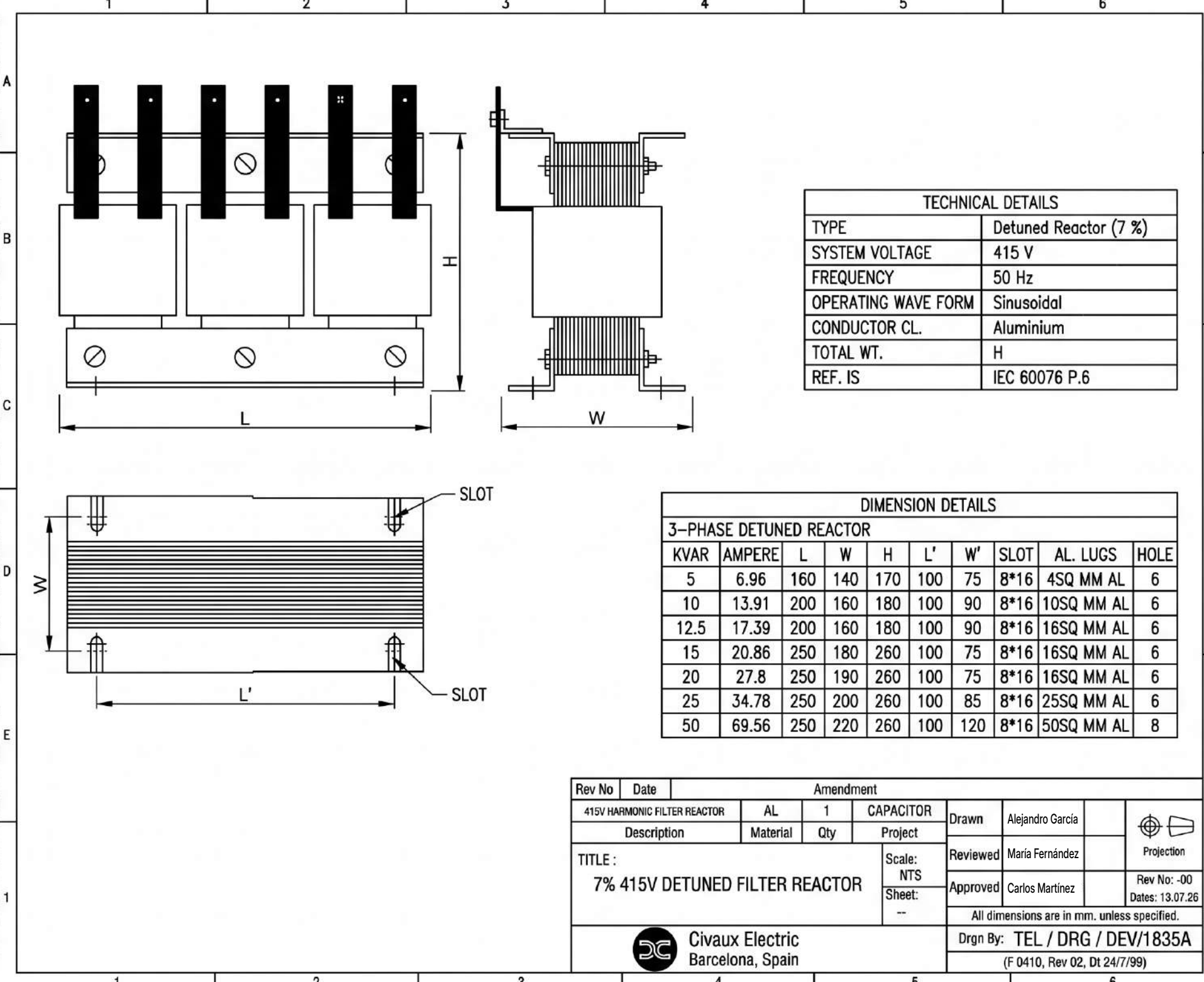


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DEVIATION FOR ANGULAR DIMENSIONS					DEVIATION FOR LINEAR DIMENSIONS (MM)								SURFACE FINISH SYMBOL, GRADE NO. & VALUE Ra μm												
OVER	—	10	50	120	OVER	—	6	30	120	315	1000	2000	>4000	▽▽▽▽▽				▽▽▽			▽▽		▽		
UP TO & INCL.	10	50	120	—	UP TO & INCL.	6	30	120	315	1000	2000	4000	—	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12
VAR. MM / 100 MM	±1.8	±0.9	±0.6	±0.3	TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50
VARIATION	±1°	±30'	±20'	±10'																					



TECHNICAL DETAILS	
TYPE	Detuned Reactor (7 %)
SYSTEM VOLTAGE	415 V
FREQUENCY	50 Hz
OPERATING WAVE FORM	Sinusoidal
CONDUCTOR CL.	Aluminium
TOTAL WT.	H
REF. IS	IEC 60076 P.6

DIMENSION DETAILS									
3-PHASE DETUNED REACTOR									
KVAR	AMPERE	L	W	H	L'	W'	SLOT	AL. LUGS	HOLE
5	6.96	160	140	170	100	75	8*16	4SQ MM AL	6
10	13.91	200	160	180	100	90	8*16	10SQ MM AL	6
12.5	17.39	200	160	180	100	90	8*16	16SQ MM AL	6
15	20.86	250	180	260	100	75	8*16	16SQ MM AL	6
20	27.8	250	190	260	100	75	8*16	16SQ MM AL	6
25	34.78	250	200	260	100	85	8*16	25SQ MM AL	6
50	69.56	250	220	260	100	120	8*16	50SQ MM AL	8

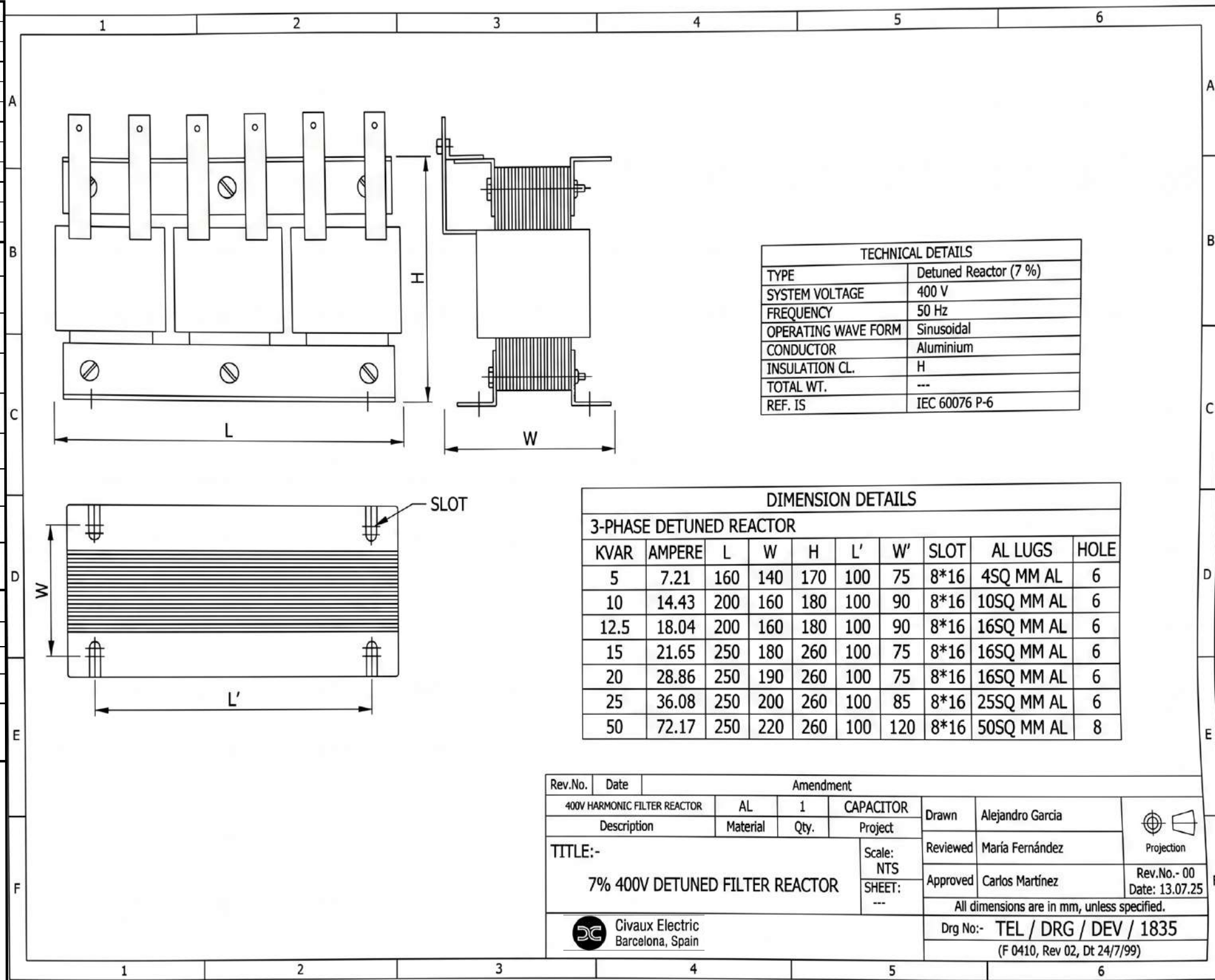
Rev No	Date	Amendment						
415V HARMONIC FILTER REACTOR		AL	1	CAPACITOR		Drawn	Alejandro García	
Description		Material	Qty	Project		Reviewed	María Fernández	Projection
TITLE : 7% 415V DETUNED FILTER REACTOR					Scale: NTS	Approved	Carlos Martínez	Rev No: -00 Dates: 13.07.26
					Sheet: --			
 Civaux Electric Barcelona, Spain						All dimensions are in mm. unless specified.		
						Drgn By: TEL / DRG / DEV/1835A		
						(F 0410, Rev 02, Dt 24/7/99)		

SURFACE FINISH SYMBOL, GRADE NO. & VALUE Ra μm											
▽▽▽▽			▽▽▽			▽▽			▽		
N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12
0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50

DEVIATION FOR LINEAR DIMENSIONS (MM)							
	—	6	30	120	315	1000	2000
OVER							>
UPTO & INCL	6	30	120	315	1000	2000	4000
TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
							±3

DEVIATION FOR ANGULAR DIMENSIONS				
OVER	—	10	50	120
UP TO & INCL	10	50	120	—
Var. MM per 100 MM	±1.8	±0.9	±0.6	±0.3
Variation	±1°	±30'	±20'	±10'

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TECHNICAL DETAILS	
TYPE	Detuned Reactor (7 %)
SYSTEM VOLTAGE	400 V
FREQUENCY	50 Hz
OPERATING WAVE FORM	Sinusoidal
CONDUCTOR	Aluminium
INSULATION CL.	H
TOTAL WT.	---
REF. IS	IEC 60076 P-6

DIMENSION DETAILS									
3-PHASE DETUNED REACTOR									
KVAR	AMPERE	L	W	H	L'	W'	SLOT	AL LUGS	HOLE
5	7.21	160	140	170	100	75	8*16	4SQ MM AL	6
10	14.43	200	160	180	100	90	8*16	10SQ MM AL	6
12.5	18.04	200	160	180	100	90	8*16	16SQ MM AL	6
15	21.65	250	180	260	100	75	8*16	16SQ MM AL	6
20	28.86	250	190	260	100	75	8*16	16SQ MM AL	6
25	36.08	250	200	260	100	85	8*16	25SQ MM AL	6
50	72.17	250	220	260	100	120	8*16	50SQ MM AL	8

Rev.No.	Date	Amendment									
400V HARMONIC FILTER REACTOR		AL	1	CAPACITOR		Drawn	Alejandro Garcia		 Projection		
Description		Material	Qty.	Project		Reviewed	María Fernández				
TITLE:- 7% 400V DETUNED FILTER REACTOR					Scale: NTS		Approved	Carlos Martínez		Rev.No.- 00	
					SHEET: ---						Date: 13.07.25
All dimensions are in mm, unless specified.											
 Civaux Electric Barcelona, Spain						Drg No:- TEL / DRG / DEV / 1835					
						(F 0410, Rev 02, Dt 24/7/99)					