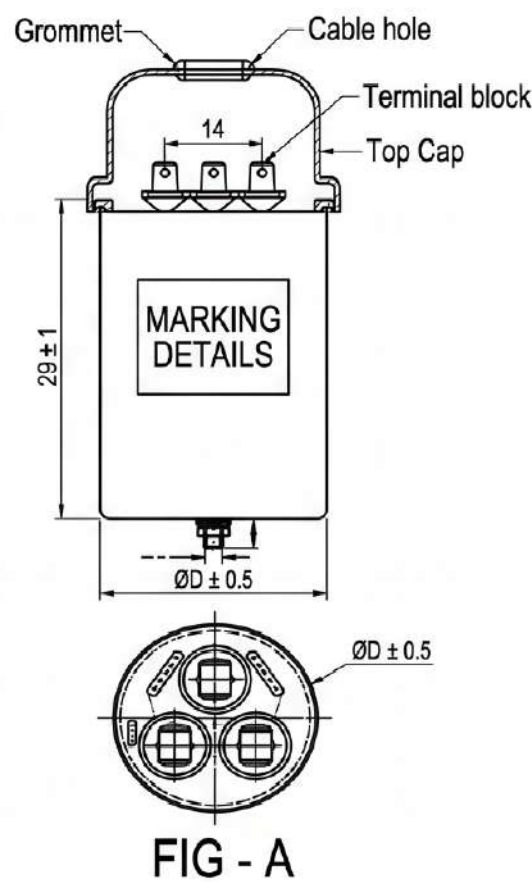


DEVIATION FOR ANGULAR DIMENSIONS				
OVER	—	10	50	120
UP TO & INCL.	10	50	120	—
VAR. MM / 100 MM	±1.8	±0.9	±0.6	±0.3
VARIATION	±1°	±30'	±20'	±10'

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

SURFACE FINISH SYMBOL, GRADE NO. & VALUE Ra μm												
$\nabla\nabla\nabla\nabla\nabla$				$\nabla\nabla\nabla$			$\nabla\nabla$			∇		$\sim$
N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12	
.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50	



TYPE OF ELECTRODE	: ZINC/AL. HEAVY EDGE SH-MPP
DIELECTRIC	: POLYPROPYLENE FILM
TERMINATION	: SCREW TERMINALS
SAFETY FEATURE	: OVERPRESSURE DISCONNECTOR SELF HEALING TECHNOLOGY
TYPE OF IMPREGNANT	: NPCB
RATED VOLTAGE	: 400 VAC
RATED FREQUENCY	: 50 Hz
TEMPERATURE CATEGORY	: 55°C
DISCHARGE DEVICE	: EXTERNAL
PHASE CONNECTION	: 3 / DELTA
BREAK DOWN VOLTAGE	: 3 KVAC
ENCLOSURE	: ALUMINIUM CASE
APPLICABLE STANDARD	: IEC : 60831-1&2

Rev No.	Date			Amendment		Projection 
KVAR Cylindrical Assembly cap.	AL	1	CAPACITOR	Drawn	Alejandro García	
Description	Rev. No	Qty.	Project	Reviewed	María Fernández	
TITLE :- 400V Cylindrical kVar for AL.DALEEL (AL MAYAR)				Scale NTS Sheet --	Approved Carlos Martínez	Rev No -00 Date :-31.03.26
				All dimensions are in mm, unless specified.		
 Civaux Electric Barcelona, Spain				Drg No - TEL / DRG / AS / 383		
(F 0410, Rev 03, Dt.28/07/21)						

TYPE OF ELECTRODE
DIELECTRIC
TERMINATION
SAFETY FEATURE

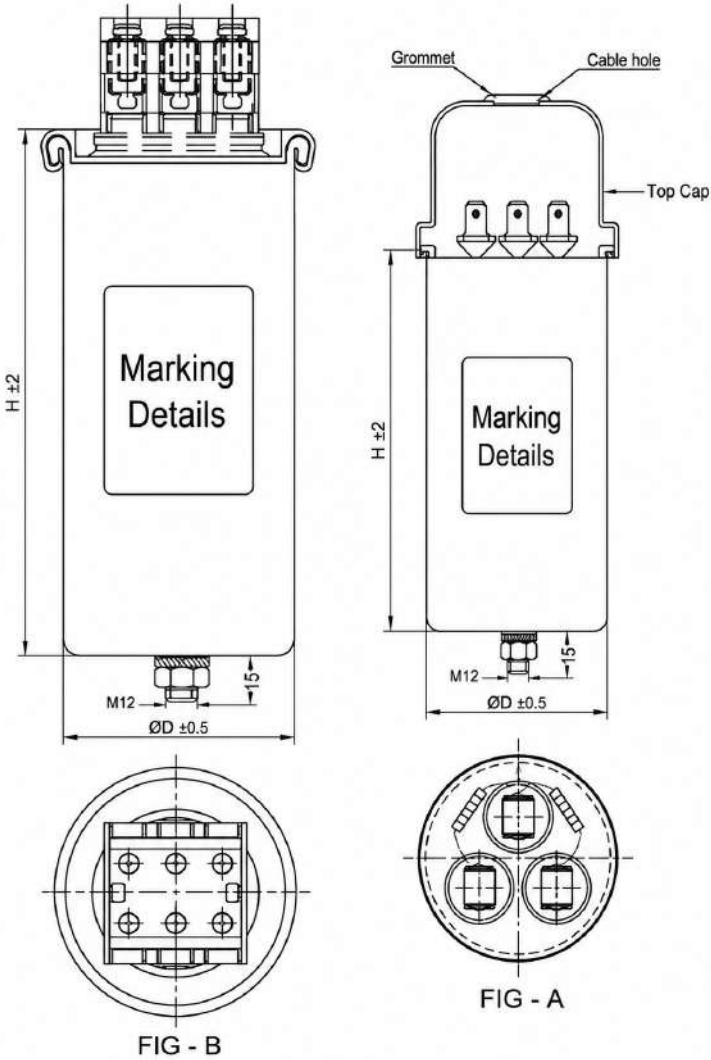
TYPE OF IMPREGNANT
RATED VOLTAGE
RATED FREQUENCY
TEMPERATURE CATEGORY
DISCHARGE DEVICE
PHASE
CONNECTION
BREAK DOWN VOLTAGE
ENCLOSURE
APPLICABLE STANDARD

- : NPCB
- : 400 VAC
- : 50 Hz
- : 55°C
- : EXTERNAL
- : 3
- : DELTA
- : 3 KVAC
- : ALUMINIUM CASE
- : IEC 60831-1&2

(F 0410, Rev 03, Dt.28/07/21)

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	OVER	—	10	50	120	OVER	—	6	30	120	315	1000	2000	>4000	▽▽▽▽▽				▽▽▽				▽▽				▽	~
															N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12		
	UP TO & INCL.	10	50	120	—	UP TO & INCL.	6	30	120	315	1000	2000	4000	—														
	VAR. MM / 100 MM	±1.8	±0.9	±0.6	±0.3																							
	VARIATION	±1°	±30'	±20'	±10'	TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3														

S.NO	PART NO	kVAr	MFD	Amps	kVAr @ 440 Voltage		kVAr @ 415 Voltage		kVAr @ 400 Voltage		Can size	Discharge Resistor	Fig
					50Hz	60Hz	50Hz	60Hz	50Hz	60Hz			
1	CPRC-006-440-50	5.80	3X31.8	7.61	5.80	7.00	5.15	6.20	4.80	5.80	63.5x160	470K 1W	A
2	CPRC-011-440-50	11.20	3X61.6	14.70	11.20	13.50	10.00	12.00	9.30	11.20	85x210	180K 3W	B
3	CPRC-014-440-50	14.10	3X77.5	18.50	14.10	17.00	12.50	15.10	11.70	14.00	85x210	180K 3W	B
4	CPRC-022-440-50	22.50	3X123.7	29.52	22.50	27.00	20.00	24.00	18.70	22.40	85x278	180K 3W	B
5	CPRC-028-440-50	28.10	3X154.5	36.87	28.10	34.00	25.00	30.00	23.30	28.00	85x353	180K 3W	B



DETAIL SPECIFICATION

TYPE OF ELECTRODE : ZINC/AL. HEAVY EDGE SH-MPP
DIELECTRIC : POLYPROPYLENE FILM
TERMINATION : SCREW TERMINALS
SAFETY FEATURE : OVERPRESSURE DISCONNECTOR
SELF HEALING TECHNOLOGY

TYPE OF IMPREGNANT : NPCB
RATED VOLTAGE : 440 VAC
RATED FREQUENCY : 50 Hz
TEMPERATURE CATEGORY : 55°C
DISCHARGE DEVICE : EXTERNAL
PHASE : 3
CONNECTION : DELTA
BREAK DOWN VOLTAGE : 3 KVAC
ENCLOSURE : ALUMINIUM CASE
APPLICABLE STANDARD : IEC 60831-1&2

Rev.No.	Date	Amendment						
KVAR Cylindrical Assembly cap.		AL	1	CAPACITOR	Drawn	Alejandro García	 Projection	
Description		Material	Qty.	Project	Reviewed	Maria Fernández		
TITLE : 440V Cylindrical kVAr for AL.DALEEL (AL MAYAR)				Scale : NTS	Approved	Carlos Martínez	Rev.No.-00	
				Sheet : ---			Date.-31.03.26	
					All dimensions are in mm, unless specified.			
 Civaux Electric Barcelona, Spain					Drg.No.- TEL / DRG / AS / 381			
					(F 0410, Rev 03, Dt.28/07/21)			



Civaux Electric
Barcelona, Spain

FIG - A

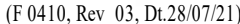
FIG - B

- : NPCB
- : 480 VAC
- : 50 Hz
- : 55°C
- : EXTERNAL
- : 3
- : DELTA
- : 3 KVAC
- : ALUMINIUM CASE
- : IEC 60831-1&2

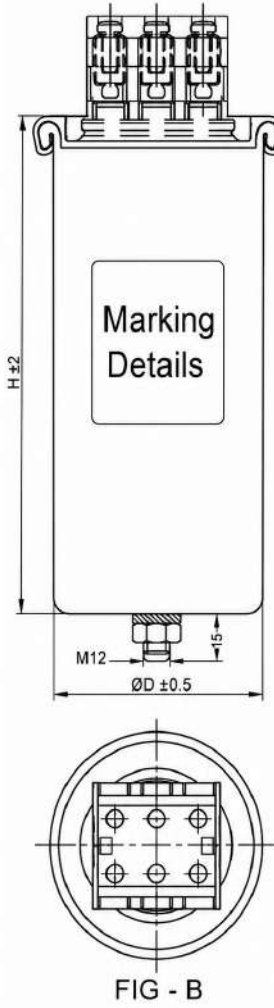
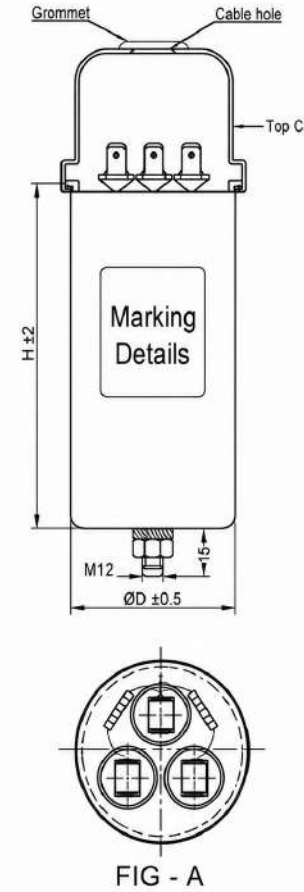
(F 0410, Rev 03, Dt.28/07/21)

[illegible]

E



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	OVER	UP TO & INCL.	VAR. MM / 100 MM	VARIATION	OVER	UP TO & INCL.	TOLERANCE		▽▽▽▽▽	▽▽▽▽	▽▽▽	▽▽
	—	10	±1.8	±1°	—	6	±0.1		N1	N2	N3	N4

1	2	3	4	5	6																																																																							
<table><tr><th>S.NO</th><th>PART NO</th><th>kVAr</th><th>MFD</th><th>Amps</th><th>kVAr @ 440 Voltage 60Hz</th><th>kVAr @ 415 Voltage 60Hz</th><th>kVAr @ 400 Voltage 60Hz</th><th>Can size</th><th>Discharge Resistor</th><th>Fig</th></tr><tr><td>1</td><td>CPRC-006-440-60</td><td>5.80</td><td>3X26.5</td><td>7.61</td><td>5.80</td><td>5.16</td><td>4.80</td><td>63.5X160</td><td>470K 1W</td><td>A</td></tr><tr><td>2</td><td>CPRC-011-440-60</td><td>11.20</td><td>3X51.1</td><td>14.70</td><td>11.20</td><td>10.00</td><td>9.20</td><td>76X210</td><td>180K 3W</td><td>B</td></tr><tr><td>3</td><td>CPRC-014-440-60</td><td>14.10</td><td>3X64.5</td><td>18.50</td><td>14.10</td><td>12.50</td><td>11.60</td><td>85x210</td><td>180K 3W</td><td>B</td></tr><tr><td>4</td><td>CPRC-022-440-60</td><td>22.50</td><td>3X103</td><td>29.52</td><td>22.50</td><td>20.00</td><td>18.60</td><td>85X247</td><td>180K 3W</td><td>B</td></tr><tr><td>5</td><td>CPRC-028-440-60</td><td>28.10</td><td>3X128.6</td><td>36.87</td><td>28.10</td><td>25.00</td><td>23.30</td><td>100X247</td><td>180K 3W</td><td>B</td></tr></table>											S.NO	PART NO	kVAr	MFD	Amps	kVAr @ 440 Voltage 60Hz	kVAr @ 415 Voltage 60Hz	kVAr @ 400 Voltage 60Hz	Can size	Discharge Resistor	Fig	1	CPRC-006-440-60	5.80	3X26.5	7.61	5.80	5.16	4.80	63.5X160	470K 1W	A	2	CPRC-011-440-60	11.20	3X51.1	14.70	11.20	10.00	9.20	76X210	180K 3W	B	3	CPRC-014-440-60	14.10	3X64.5	18.50	14.10	12.50	11.60	85x210	180K 3W	B	4	CPRC-022-440-60	22.50	3X103	29.52	22.50	20.00	18.60	85X247	180K 3W	B	5	CPRC-028-440-60	28.10	3X128.6	36.87	28.10	25.00	23.30	100X247	180K 3W	B
S.NO	PART NO	kVAr	MFD	Amps	kVAr @ 440 Voltage 60Hz	kVAr @ 415 Voltage 60Hz	kVAr @ 400 Voltage 60Hz	Can size	Discharge Resistor	Fig																																																																		
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5	CPRC-028-440-60	28.10	3X128.6	36.87	28.10	25.00	23.30	100X247	180K 3W	B																																																																		
 FIG - B  FIG - A DETAIL SPECIFICATION TYPE OF ELECTRODE DIELECTRIC TERMINATION SAFETY FEATURE : ZINC/AL. HEAVY EDGE SH-MPP : POLYPROPYLENE FILM : SCREW TERMINALS : OVERPRESSURE DISCONNECTOR SELF HEALING TECHNOLOGY TYPE OF IMPREGNANT RATED VOLTAGE RATED FREQUENCY TEMPERATURE CATEGORY DISCHARGE DEVICE PHASE CONNECTION BREAK DOWN VOLTAGE ENCLOSURE APPLICABLE STANDARD : NPCB : 440 VAC : 60 Hz : 55°C : EXTERNAL : 3 : DELTA : 3 KVAC : ALUMINIUM CASE : IEC 60831-1&2 <table><tr><th>Rev No.</th><th>Date</th><th colspan="2"></th><th colspan="2">Amendment</th><th rowspan="2">Projection</th></tr><tr><td>KVAR Cylindrical Assembly cap.</td><td>AL</td><td>1</td><td>CAPACITOR</td><td>Drawn</td><td>Alejandro García</td></tr><tr><td>Description</td><td>Material</td><td>Qty.</td><td>Project</td><td>Reviewed</td><td>María Fernández</td><td></td></tr><tr><td colspan="4">TITLE :- 440V Cylindrical kVAr for 60Hz AL.DALEEL (AL MAYAR)</td><td>Scale NTS Sheet --</td><td>Approved Carlos Martínez</td><td>Rev No -00 Date :-31.03.26</td></tr><tr><td colspan="4" rowspan="2"> Civaux Electric Barcelona, Spain</td><td colspan="3">All dimensions are in mm, unless specified.</td></tr><tr><td colspan="3">Drg No - TEL / DRG / AS / 385</td></tr><tr><td colspan="7">(F 0410, Rev 03, Dt.28/07/21)</td></tr></table> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr>											Rev No.	Date			Amendment		Projection	KVAR Cylindrical Assembly cap.	AL	1	CAPACITOR	Drawn	Alejandro García	Description	Material	Qty.	Project	Reviewed	María Fernández		TITLE :- 440V Cylindrical kVAr for 60Hz AL.DALEEL (AL MAYAR)				Scale NTS Sheet --	Approved Carlos Martínez	Rev No -00 Date :-31.03.26	 Civaux Electric Barcelona, Spain				All dimensions are in mm, unless specified.			Drg No - TEL / DRG / AS / 385			(F 0410, Rev 03, Dt.28/07/21)							1	2	3	4	5	6																
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