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## Approvals

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### 1. Terms and Definitions

<u>DELTA</u>	GEPC Inverter Module, Liquid or Air Cooled

### 2. References & Related Documents

Document Number	Document Title	Notes

### 3. Document Purpose and Overview

Explanation of Part Numbers Relating to Cegelec/ALSTOM/Converteam/GE Liquid Cooled DELTAS

### 4. Document Contents

#### 1. NUMBER SYSTEM USED FOR INDUSTRIAL AND MARINE LIQUID COOLED DELTAS:

<b>PEDL</b>	<b>1000</b>	<b>-</b>	<b>4</b>	<b>7</b>	<b>97</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	
<b>MVDL</b>										
PECe or CDC Control i.e. DIB type	Current rating e.g. 800 or 1000 A	Dash	Version	Volts	Skiip Type	Cooling Connects or Contract	1 = Internal Fans Fitted for cap bank cooling	1 = Extra DC Connects 51Y3569/01,02	1 = Full Shroud; 0 = Sub Equip 46Y6517/01 46Y6897/01	The last digit is the internal build level A, B etc and does not appear on the top selling level

3 = contract special build  
4 = standard build  
5 = standard but conformal coated DIB board

5 = 900V  
7 = 1200V high surge  
6 = 1200V

99 = 3V2  
95 = hybrid  
97 = 3V3  
94 = 3V3 Rev:D  
92 = refurb  
93 = 3V3 Rev E (or D+)

	Vent Valve	return Pipe	Hosetails
0	None	None	Staubli RM16 47307/101
1	Clear hose, Hex handle	20T2341/02	Fitted Staubli RM16 47307/101
2	None	None	Barbed Hosetail 51y3375/01
3	Clear hose, Hex handle	20T2341/02	Fitted Barbed Hosetail 51y3375/01
C	Contract	Remaining 3 digits allocated serially eg. C001 C002 C003	

**2. NUMBERING SYSTEM USED FOR WIND CONVERTER DELTAS:**

For wind converter DELTAs, the traditional, older number system was retained (**Note 2**) which does not have the optional 4 digits at the end.

<b>PEDL or MVDL</b>	<b>800</b>	<b>-</b>	<b>4704</b>	<b>-93</b>	<b>A</b>
PECe or CDC Control i.e. DIB type	Current rating e.g. 800A or 1000 A	Dash	Model Variant	Skiip Type Note 1.	Build revision

**Examples**

MVDL800-4704-XX            TYPE 28  
MVDL800-4702-XX            TYPE 27  
MVDL1000-4703-XX          3.6MW

Note: Wind converter DELTAs have no internal fan pack, barbed hose connectors with the variant generally being the presence or absence of return pipe for top/bottom or both bottom hose connections

**Note 1**

Deltas with no Skiip type number should be assumed to be early 3v2 types.

Deltas with Skiip type 99 are also 3v2 type.

- 99 = 3V2
- 97 = 3V3
- 94 = 3V3 Rev:D
- 92 = refurb 3v3
- 93= 3V3 Rev E (or D+)

**Note 2**

Except PEDL delta used in 3MW PMG which use the full number system

**5. Revision History**

Rev.	Date	Author(s)	Changes
00	11/5/2019	Mark Woods	Document Created with AQS