



# Distribution Design Catalogue – Section 15: LM – Metering

Standard Number: HPC-1DC-07-0015-2014

Document Control		
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<b>Date Created/Last Updated</b>	13 September 2022	
<b>Review Frequency **</b>	Annually	
<b>Next Review Date **</b>	1 May 2023	

\* Shall be the Process Owner and is the person assigned authority and responsibility for managing the whole process, end-to-end, which may extend across more than one division and/or functions, in order to deliver agreed business results.

\*\* Frequency period is dependent upon circumstances– maximum is 5 years from last issue, review, or revision whichever is the latest. If left blank, the default shall be 1 year unless otherwise specified.

Revision Control		
Revision	Date	Description
4	13/09/2022	Updated document to new template

<b>STAKEHOLDERS</b>	
<i>The following positions shall be consulted if an update or review is required:</i>	
Asset Managers	
Works Delivery Managers	
Asset Service Delivery Managers	

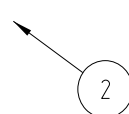
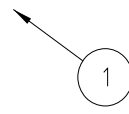
## METERING LIST

CU	CU DESCRIPTION
<a href="#">LM1_A</a>	Polyphase HV CT
<a href="#">LM1_B</a>	Polyphase HV CT PQ
<a href="#">LM2</a>	Polyphase LV CT
<a href="#">LM3_A</a>	Polyphase Direct Connect – Credit or Prepaid
<a href="#">LM3_B</a>	Polyphase Pulse Output – Credit or Prepaid
<a href="#">LM4_A</a>	Single Phase – Credit or Prepaid
<a href="#">LM4_B</a>	Single Phase – Credit – Small Form (Plugin Meter)
<a href="#">LM4_C</a>	Single Phase – Credit – Small Form (No Plugin Base)
<a href="#">LM5</a>	Antenna – Low Profiled Stud
<a href="#">LM6</a>	Micro Access Point
<a href="#">LM7</a>	Modem Communication Device

### Notes

- 1 Please contact Metering Department if Modem Communication Device is required.

 <p>POLYPHASE HV CT LM 1</p>	 <p>POLYPHASE LV CT LM 2</p>	 <p>POLYPHASE DIRECT CONNECT LM 3</p>		
 <p>SINGLE PHASE LM 4</p>	 <p>ANTENNA LM 5</p>	 <p>MICRO ACCESS POINT LM 6</p>		
<p><b>HORIZON</b>  <b>POWER</b>          DISTRIBUTION DESIGN          CATALOGUE          OPERATIONS DIVISION</p>	<p>COMPATIBLE UNIT</p>	<table border="1"> <tr> <td>REVISION 2</td> <td>DATE MAR 2020</td> </tr> </table>	REVISION 2	DATE MAR 2020
REVISION 2	DATE MAR 2020			
	<p>LM COMPATIBLE UNITS</p>	<p>DRAWING No. LM INDEX</p>		



<p><b>HORIZON</b>  <b>POWER</b></p> <p>DISTRIBUTION DESIGN          CATALOGUE</p> <p>OPERATIONS DIVISION</p>	COMPATIBLE UNIT	REVISION 2	DATE MARCH 20
	POLYPHASE HV CT METER	DRAWING No. LM1	

<b>CU</b>	<b>CU DESCRIPTION</b>
LM1_A	Polyphase HV CT


<b>ITEM NUMBER</b>	<b>STOCK NUMBER</b>	<b>DESCRIPTION</b>	<b>QTY RQD</b>	<b>UNIT OF MEASURE</b>	<b>REMARKS</b>
1	JWH1292	METER,WATTHOUR EDMI MK 10E HV 3PH CT	1	ea	Note 1

<b>CU</b>	<b>CU DESCRIPTION</b>
LM1_B	Polyphase HV CT PQ

<b>ITEM NUMBER</b>	<b>STOCK NUMBER</b>	<b>DESCRIPTION</b>	<b>QTY RQD</b>	<b>UNIT OF MEASURE</b>	<b>REMARKS</b>
2	JWH3090	METER POWER QUALITY AND REVENUE CLASS A IEC 6 1000-4-30	1	ea	Note 1



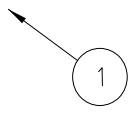
1


 DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 0	DATE MARCH 20
	POLYPHASE LV CT METER EXTENDED TERMINAL COVER	DRAWING No. LM2	

CU	CU DESCRIPTION
LM2	Polyphase LV CT

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	JWH1291	METER,WATTHOUR EDM I MK 10E LV 3PH CT	1	ea	Note 1





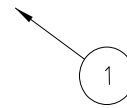
 DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 2	DATE MARCH 20
	LV METERING POLYPHASE DIRECT CONNECT METER	DRAWING No. LM3	


CU	CU DESCRIPTION
LM3_A	Polyphase Direct Connect – Credit or Prepaid

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	JWH3081	METER,WATTHOUR LANDIS & GYR 3PH UNIVERSAL AMI METER E3 50 U3401 DIRECT CONNECTED HORIZON POWER	1	ea	Note 2  Order JWH3111 Long Cover when cables don't fit under standard cover

CU	CU DESCRIPTION
LM3_B	Polyphase –Pulse Output – Credit or Prepaid

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	JWH3082	METER,WATTHOUR LANDIS & GYR 3PH UNIVERSAL AMI METER E3 50 U3401 PULSED OUTPUT VARIANT DIRECT CONNECTED HORIZON POWER	1	ea	Note 2  Order JWH3111 Long Cover when cables don't fit under standard cover



 DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 2	DATE MARCH 20
	LV METERING SINGLE PHASE METER	DRAWING No. LM4A&C	



2

 <b>HORIZON</b> <b>POWER</b> DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 0	DATE MARCH 20
	LV METERING SINGLE PHASE METER	DRAWING No. LM4B	

<b>CU</b>	<b>CU DESCRIPTION</b>
LM4_A	Single Phase – Credit or Prepaid

<b>ITEM NUMBER</b>	<b>STOCK NUMBER</b>	<b>DESCRIPTION</b>	<b>QTY RQD</b>	<b>UNIT OF MEASURE</b>	<b>REMARKS</b>
1	JWH3071	METER,WATTHOUR LANDIS & GYR 1PH TWO ELEMENT UNIVERSAL AMI METER E350 U1325 DIRECT CONNECTED HORIZON POWER	1	ea	Note 1


<b>CU</b>	<b>CU DESCRIPTION</b>
LM4_B	Single Phase – Credit – Small Form (Plug in Meter)

<b>ITEM NUMBER</b>	<b>STOCK NUMBER</b>	<b>DESCRIPTION</b>	<b>QTY RQD</b>	<b>UNIT OF MEASURE</b>	<b>REMARKS</b>
2	JWH1271	METER,WATTHOUR EDMI MK7C PLUGIN BASE 1PH AMI METER DIRECT CONNECTED REMOTE DISCONNECT HORIZON POWER	1	ea	Note 1

<b>CU</b>	<b>CU DESCRIPTION</b>
LM4_C	Single Phase – Credit – Small Form (No Plugin Base)

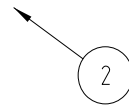
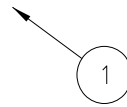
<b>ITEM NUMBER</b>	<b>STOCK NUMBER</b>	<b>DESCRIPTION</b>	<b>QTY RQD</b>	<b>UNIT OF MEASURE</b>	<b>REMARKS</b>
1	No Stock Code	Please contact Metering Department if required	1	ea	Note 1




 DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 0	DATE MARCH 20
	ANTENNA - LOW PROFILE STUD	DRAWING No. LM5	

CU	CU DESCRIPTION
LM5	Antenna – Low Profile Stud

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	JWH3108	ANTENNA CSM700 LOW PROFILE STUD RASMA 0.5M LEAD NAN DIRECT CONNECTION TO METER (AMI)	1	ea	Note: Order JWH3106 Connector if JWH3104 Old Antenna is being used



 DISTRIBUTION DESIGN CATALOGUE OPERATIONS DIVISION	COMPATIBLE UNIT	REVISION 0	DATE MARCH 20
	MICRO ACCESS POINT WITH ANTENNA	DRAWING No. LM6	



CU	CU DESCRIPTION
LM6	Micro Access Point

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	JWH3107	WATTHOUR ACCESS POINT MICRO NIC412 FIELD INTEGRATED L&G U3301 MIM TELSTRA HAN 300KBPS 1 6MB	1	ea	
2	JWH3108	ANTENNA CSM700 LOW PROFILE STUD RASMA 0.5M LEAD NAN DIRECT CONNECTION TO METER (AMI)	2	ea	

CU	CU DESCRIPTION
LM7	Modem Communication Device

ITEM NUMBER	STOCK NUMBER	DESCRIPTION	QTY RQD	UNIT OF MEASURE	REMARKS
1	No Stock Code	Please Contact Metering Department if required	1	ea	

## APPENDIX A – REVISION INFORMATION

(Informative) Horizon Power has endeavoured to provide standards of the highest quality and would appreciate notification if any errors are found or even queries raised.

Each Standard makes use of its own comment sheet, which is maintained throughout the life of the standard, which lists all comments made by stakeholders regarding the standard.

The document **DM# 2305140** can be used to record any errors or queries found in or pertaining to this standard, which can then be addressed whenever the standard gets reviewed.

Date	Rev No.	Notes
	0	Western Power Supplied
01/07/2009	1	Original Horizon Power issue
21/01/2014	2	LM Index Drawing added LM1 to LM3 Drawing changed to LM1 LM2, LM3, LM4 & LM5 Drawings added LM2, LM3, LM4 & LM5 Lists added
20/05/2020	3	LM1 List Updated LM2 List Updated LM3 List Updated LM4 List Updated LM5, LM6 List added Notes updated and notes on Modem added File name updated from Low Voltage Metering to Metering
13/09/2022	4	Updated document to new template