Base Load Power Hub (BLPH)

Technical Data Sheet (TDS) for Cables Glands, Fittings & Accessories

Document Number: 123A90-DDL-EL-DS-20070

Document Class: 2

01	09/09/2024	Accepted for Construction (AFC)	NLK	FMA/AMA	FPA/DLO
00	14/06/2024	Issue for Review (IFR)	NLK	FMA/AMA	FPA/DLO
Rev.	Date	Description	Prepared	Reviewed	Approved

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Revision / Change Log

Rev.	Description
00	ISSUE FOR REVIEW (IFR)
01	ACCEPTED FOR CONSTRUCTION (AFC)

HOLDS LIST

No.	Description
1.	
2.	
3.	
4.	

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REFERENCE DOCUMENT AND STANDARD:

1)	Electrical Typical Installation Details - Lighting System	Doc. No. 123A90-DDL-EL-DD-20091
2)	Electrical Typical Installation Details Power System & Cable Installation	Doc. No. 123A90-DDL-EL-DD-20092
3)	Electrical Power & Control Cable Schedule	Doc. No. 123A90-DDL-EL-LIS-20148
4)	Lighting & Socket Circuit Diagram	Doc. No. 123A90-DDL-EL-DG-20125

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1	General				Rev.
2		Required	Manufacturer Proposal	Comments	
3	Manufacturer	by vendor	CMP		01
4	Order Status	for Purchase			00
5	General - Electrical Input Data				
6	System Voltage	400/230 V ac			00
7	Voltage Variation (Steady State)	±5 %			00
8	Rated Frequency	50Hz			00
9	Frequency Variation (Steady State)	±2 %			00
10	Number of Phases	3ph /1ph + neutral TN-S system			00
11	Installation conditions				
12	Ambient Temperature	-8.4°C to +25°C			00
13	Relative humidity (%)	Maximum 95 %			00
14	Atmosphere	Marine Offshore-fixed			00
15	Altitude > 1000 m (m)	not more than 1000 m			00

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Row	Data Sheet for Cables Glands, Fittings & Accessories					Rev.
1	Cable Gland					
2			Required	Manufacturer Proposal	Comments	
3	Model Number		by vendor			00
4	Serial Number		by vendor			00
5	Material		Nickel Plated Brass			00
6	Gland Thread		ISO-M			00
7	Sealing Ring		Double Seal / Single Seal		Double Seal for Armoured cables, Single Seal for unarmoured cables	00
8	Type of Gland Seal		Double Seal / Single Seal		Double Seal for Armoured cables, Single Seal for unarmoured cables	00
9	Execution		Zone 1 Gas Group IIC (or) IIB + H2, T1 / not certified	Zone 1 Gas Group IIC (or) IIB + H2, T1	All cable glands are for Atex Zone	01
10	Gland Size	Quantity Note-1	Code (*)	Remarks		
11	M20	10		Single Sealing NPB, Ex db, ATEX certified		01
13	M20s	4		Single Sealing NPB, Ex db, ATEX certified		01
16	M25	293		Single Sealing NPB, Ex db, ATEX certified		01
17	M32	8		Single Sealing NPB, Ex db, ATEX certified		01
19	M40	33		Single Sealing NPB, Ex db, ATEX certified		01
18	M50	3		Single Sealing NPB, Ex db, ATEX certified		01
12	M50s	6		Single Sealing NPB, Ex db, ATEX certified		01
12	M20	202		Double Sealing NPB, Ex db, ATEX certified		01
14	M25	8		Double Sealing NPB, Ex db, ATEX certified		01
15	M25s	78		Double Sealing NPB, Ex db, ATEX certified		01
20	M40	8		Double Sealing NPB, Ex db, ATEX certified		01
21	M50s	9		Double Sealing NPB, Ex db, ATEX certified		01
22						
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NOTES:
(*) By Vendor
1) Spare not considered

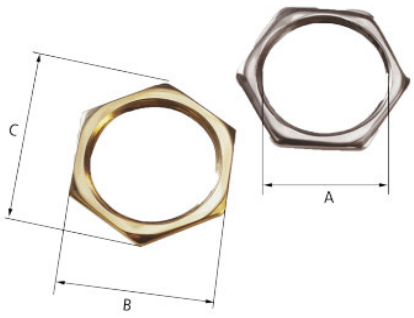
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1	Lock Nut					
2				Required	Manufacturer Proposal	Comments
3	Model Number			by vendor			00
4	Serial Number			by vendor			00
5	Material			Nickel Plated Brass			00
6	Thread			ISO-M			00
7	Execution			Ex db / Not certified		Ex db for ZONE 1 Area Not certified for Safe Area	01
8	Gland Size	Quantity Note-1	Code (*)	Remarks			
9	M20	10		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
10	M20s	4		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
11	M25	293		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
12	M32	8		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
13	M40	33		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
14	M50	3		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
15	M50s	6		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
16	M20	202		Suitable for Double Sealing NPB, Ex db, ATEX certified			01
17	M25	8		Suitable for Double Sealing NPB, Ex db, ATEX certified			01
18	M25s	78		Suitable forDouble Sealing NPB, Ex db, ATEX certified			01
19	M40	8		Suitable for Double Sealing NPB, Ex db, ATEX certified			01
20	M50s	9		Suitable for Double Sealing NPB, Ex db, ATEX certified			01
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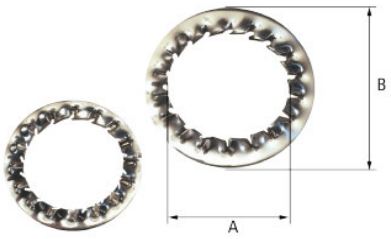
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1	Serrated Washer					
2				Required	Manufacturer Proposal	Comments
3	Model Number			by vendor			00
4	Serial Number			by vendor			00
5	Material			Nickel Plated Brass			00
6	Execution			Ex db / Not certified		Ex db for ZONE 1 Area Not certified for Safe Area	01
7	Gland Size	Quantity Note-1	Code (*)	Remarks			
8	M20	10		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
9	M20s	4		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
10	M25	293		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
11	M32	8		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
12	M40	33		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
13	M50	3		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
14	M50s	6		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
15	M20	202		Suitable for Double Sealing NPB, Ex db, ATEX certified			01
16	M25	8		Suitable for Double Sealing NPB, Ex db, ATEX certified			01
17	M25s	78		Suitable forDouble Sealing NPB, Ex db, ATEX certified			01
18	M40	8		Suitable for Double Sealing NPB, Ex db, ATEX certified			01
19	M50s	9		Suitable for Double Sealing NPB, Ex db, ATEX certified			01
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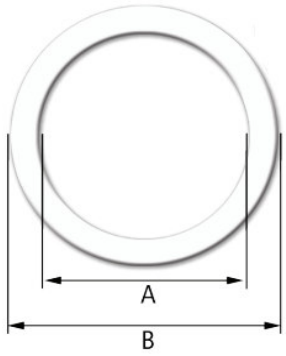
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Row	Data Sheet for Cables Glands, Fittings & Accessories					Rev.
1	Entry Thread Sealing Nylon Washer					
2				Required	Manufacturer Proposal	Comments
3	Model Number			by vendor			00
4	Serial Number			by vendor			00
5	Material			Nylon			00
6	Execution			Ex db / Not certified		Ex db for ZONE 1 Area Not certified for Safe Area	01
7	Gland Size	Quantity Note-1	Code (*)	Remarks			
8	M20	10		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
9	M20s	4		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
10	M25	293		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
11	M32	8		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
12	M40	33		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
13	M50	3		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
14	M50s	6		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
15	M20	202		Suitable for Double Sealing NPB, Ex db, ATEX certified			01
16	M25	8		Suitable for Double Sealing NPB, Ex db, ATEX certified			01
17	M25s	78		Suitable forDouble Sealing NPB, Ex db, ATEX certified			01
18	M40	8		Suitable for Double Sealing NPB, Ex db, ATEX certified			01
19	M50s	9		Suitable for Double Sealing NPB, Ex db, ATEX certified			01
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Row	Data Sheet for Cables Glands, Fittings & Accessories					Rev.
1	External Rubber Ring					
2				Required	Manufacturer Proposal	Comments
3	Model Number			by vendor			00
4	Serial Number			by vendor			00
5	Material			Rubber			00
6	Execution			Ex db / Not certified		Ex db for ZONE 1 Area Not certified for Safe Area	01
7	Gland Size	Quantity Note-1	Code (*)	Remarks			
8	M20	10		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
9	M20s	4		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
10	M25	293		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
11	M32	8		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
12	M40	33		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
13	M50	3		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
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19	M50s	9		Suitable for Double Sealing NPB, Ex db, ATEX certified			01
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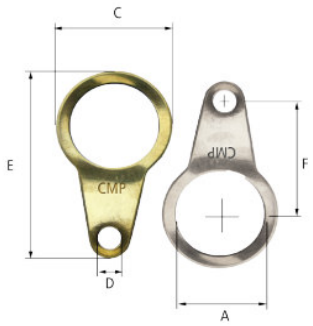
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Row	Data Sheet for Cables Glands, Fittings & Accessories					Rev.
1	Earth Tag					
2				Required	Manufacturer Proposal	Comments
3	Model Number			by vendor			00
4	Serial Number			by vendor			00
5	Material			Nickel Plated Brass			00
6	Thread			ISO-M			00
7	Execution			Ex db / Not certified		Ex db for ZONE 1 Area Not certified for Safe Area	01
8	Gland Size	Quantity Note-1	Code (*)	Remarks			
9	M20	10		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
10	M20s	4		Suitable for Single Sealing NPB, Ex db, ATEX certified			01
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20	M50s	9		Suitable for Double Sealing NPB, Ex db, ATEX certified			01
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Row	Data Sheet for Cables Glands, Fittings & Accessories		Rev.
1	Tag No. :		
2	Service :		
3	PURCHASE ORDER SPECIFIC REQUIREMENTS		

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