



NOTE: 1
DESIGN CODE:
Electronics & Coil Based on Fully API 17F
& API 17H Qualified System

NOTE: 2
PROPERTIES:
Application: Intervention
Design Water Depth: 1000
Weight in Air: 21,2 kg
Volume: 9,39 dm³
Submerged Weight: 11,54 kg

NOTE: 3
ADDITIONAL INFORMATION:
2,5kW Inductive Connector for wireless transfer of power and communication. Designed for installation in Blue Logic's Charging Station, for charging of underwater intervention drones.
Metallic parts in Super Duplex suitable for permanent installation.
The Connector is made SWiG compatible and fully compliant to API17F, API 17H, and to Equinor TR1231 Appendix D.
A new MK3 Flange Interface for Pressure Balanced Oil Filled (PBOF) Hose attachment has been included and qualified. This makes it possible to interface any type of equipment.

Input Volt 400 VDC +/- 10%
Output Volt 325VDC +/-5%
Output current 7,7A
Efficiency @2,0kW 91%
Start-up time 90 sec.

Connector shall NOT be connected to a CP-System as described in Installation Manual, ref.: 500419-TD-0015

NOTE 4
SubConn Pin Configuration:

Subconn Female: BCR2410F	
Pin	Signal
1	Power +
2	Power 0V
3	Chassis
4	Optional Serial RX
5	Optional Serial TX
6	Optional Serial GRD
7	TX_p
8	TX_n
9	RX_p
10	RX_n

Rev.	Date	Reason for issue	Revision change	Made	Chk'd	Appr.	SUBSEA USB		Unless Noted Otherwise:	Dim. Tol:	Dwg. Scale:	Dwg. Proj:	Dwg. Format:	Break Edges:	Drawing title:	Drawing number:	Article number:	Rev.
02	18.8.2023	7-IFC (Issued for Construction)		WTJ	HSE	WTJ			Dim. Tol:	NTS	NTS		A3	(R. Alt. 45°) R= 0,1-0,5	F45-140 Sec-Flange 2,5kW 325VDC Ethernet Golden Unit	BB9064		02
01	22.2.2023	7-IFC (Issued for Construction)		WTJ	BNE	HSE			Roughness:	Ra N/A								
Rev.		Date	Reason for issue	Revision change	Made	Chk'd	Appr.	SUBSEA USB		Corner Rmax:	N/A							

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