









NOTE: 1 **DESIGN CODE:** 

N/A

NOTE: 2 TECHNICAL CLASSIFICATION:

Article Type: 006-El. Connectors Main Group: 6.01. Subsea USB

Intermediate Group: 6.28.03. 200-900W Subsea USB 6.28.156.01. Male Connector Sub Group:

NOTE: 3

INTERFACE INFORMATION: Pressure Rating Bar: 300 Design Water Depth: 3000m Material: Weight: 5,5 kg 2,63 dm^3 Volume: Submerged Weight: 2,83 kg 8574 cm^2 Surface Area: N/A Hydraulic:

Mechanical: N/A 24 VDC, Subconn BCR2410F Electrical:

Ethernet, RS232 Com. & Protocol:

NOTE: 4

**OPERATION & MAINTENANCE INFORMATION:** 

600128-TD-0013

NOTE: 5

ADDITIONAL INFORMATION:

Inductive Subsea Connector for transfer of electrical power and communication. The Blue Logic 250W series inductive connector is a multipurpose electrical connector with the capacity of transferring up to 250W electrical power, 80Mbps Ethernet and 230kbps serial communication. Easy to connect and disconnect by divers,ROV or AUV's. BA7754 is a male connector, configured to be the primary side (transmitting part) in a connector system.

Full galvanic isolation between primary and secondary side connector. Connect and disconnect "hot" with full power and voltage. Possible to transform voltage between primary and secondary side. Built in diagnostic and housekeeping functionality.

Maximum panel thikness with threaded holes: 15mm Maximum panel thickness with Ø6,5 holes and nut: 10mm



04	22.8.2023	9-IFU (Issued for Use)		WTJ	LGH	WT
03	30.3.2021	9-IFU (Issued for Use)		WTJ	LGH	WT
02	17.3.2017	9-IFU (Issued for Use)		WTJ	LGH	WT
01	7.12.2015	2-IFT (Issued for Tender)		WTJ	LGH	N/A
Rev.	Date	Reason for issue	Revision change	Made	Chk'd	Appr



Scale:	Drawing title:		
S	250W Inductive Connector Secondary Side wFlange RS23	2	
Proj:	25000 inductive Connector Secondary Side w	Tidinge (10202	
Format:			
	Drawing number:		Rev.