

Industrial DNV Type Switches

Strictly tested for maritime applications.

Meet with the maritime test criteria in DNV type test, the series ensure the switches sustaining the harsh on-board environments often founded in ships, crafts, and offshore platforms. The wide product line provides the complete solution for maritime applications.



DNV Certified

DNV (Det Norske Veritas) is a certification that verifies maritime facilities comply for satisfactory operation in typical on-board environments. All the certified switches are designed to create a reliable solution for marine applications.



Prevent Compass Interference

In order not to interfere a standard or a steering magnetic compass installed for maritime applications, Lantech DNV-certified switches are tested for compass safe distance in accordance with IEC 60945.



Strict EMC Tests

To meet the robustness that maritime applications required, Lantech DNV-certified switches passed several immunity tests, including conducted low frequency test, electrical transient/burst test, conducted radio frequency test, etc.



	LGS-2816C-RPS-DNV	LGS-2624C-DNV	IES-2216C-DNV	IES-2208F-DNV
HARDWARE FEATURES				
Interface	-	-	16	8
10/100TX (RJ45)	-	20	-	-
10/100/1000T (RJ45)	-	-	-	-
100M Fiber	-	-	-	2 (SC/ST)
100M SFP	-	-	-	-
Dual Speed SFP	16	2	-	-
10/100/1000T/Dual Speed SFP Combo	8	4	2	-
Console	Female DB-9	RJ45	RJ45	RJ45
Relay Contact	●	●	●	●
Power Input	12~36VAC 12~48VDC 100~240VAC	- - ●	● ● -	● ● -
Mechanism	Standard Operating Temperature -20°C~60°C / -4°F~140°F Wide Operating Temperature -40°C~75°C / -40°F~167°F Case Protection	● ● -	● ● - IP30	● ● IP30
Case Dimension W x D x H (unit=mm)	442 x 209 x 44	442 x 170 x 44	74 x 105 x 152	74 x 105 x 152
DIN Rail Installation	-	-	●	●
Wall Mount Installation	-	-	●	●
19-inch Rack Mount	●	●	-	-
Ce/FCC	●	●	●	●
RoHS/WEEE	●	●	●	●
DNV	●	●	●	●
UL Class I Division II	-	-	●	-
SOFTWARE FEATURES				
Management Level (Refer to Page 16)	Full	Full	Full	Full



Survive under High Voltage

Up to 500V of high voltage is tested on Lantech DNV-certified switches. This makes sure our products are able to survive during or after the harsh situation.



Anti-Vibration

Three perpendicular plans (different frequency/ amplitude) are adopted to ensure the switches are able to function normally during and after intensive vibration in maritime environment.



Tested for Extreme

Temperature

To ensure the switches will not be damaged or malfunctions under the influence of extreme weather, the DNV tested our products with specific cycles of dry heat, damp heat, and low temperature.

IES-2008B-DNV	IES-1204FT-DNV	IES-0204FT-DNV	IES-0104FT-DNV	IEC-0101FT-DNV	IES-0008T-DNV	IES-0005T-DNV
8	4	4	4	1	8	5
-	-	-	-	-	-	-
-	-	2 (SC)	1 (SC)	1 (SC/ST)	-	-
-	2	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
RJ45	-	-	-	-	-	-
●	●	●	●	●	●	●
-	-	●	●	●	●	●
●	●	●	●	●	●	●
-	-	-	-	-	-	-
●	●	●	●	●	●	●
●	●	●	●	●	●	●
IP30	IP30	IP30	IP30	IP30	IP30	IP30
74 x 105 x 152	26.1 x 95 x 144.3	30 x 95 x 140	30 x 95 x 140	30 x 95 x 140	30 x 95 x 140	30 x 95 x 140
●	●	●	●	●	●	●
●	●	●	●	●	●	●
-	-	-	-	-	-	-
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
-	●	●	●	●	●	●