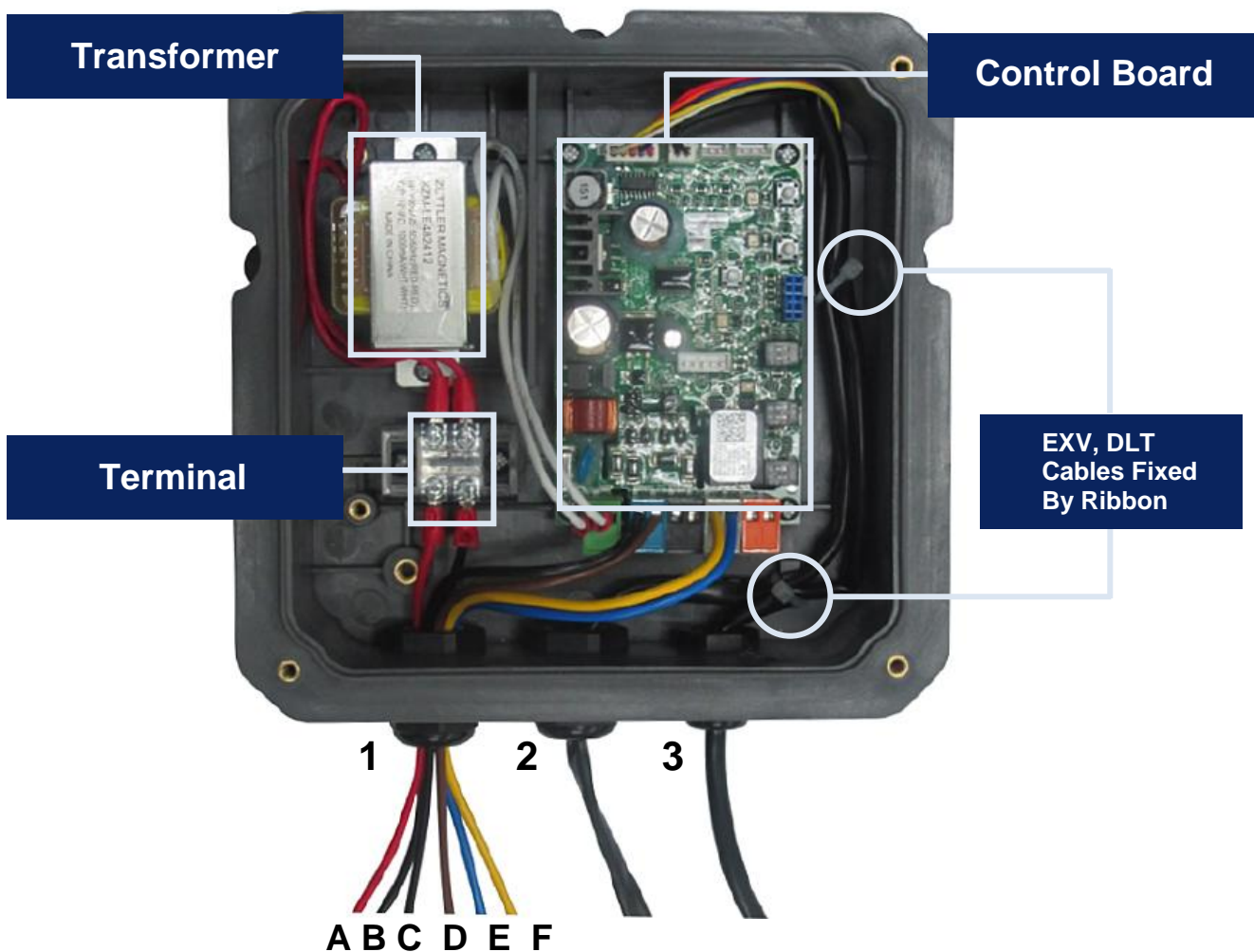


CORESENSE™ ELECTRONICS FOR COPELAND ZSI COMPRESSORS WIRING STANDARD

ZSI Standard Control Box Wiring:

As the picture indicates, there are three waterproof glands on the CoreSense™ for ZSI compressor which are marked as 1, 2 and 3:



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Waterproof Gland No.	Gland 1	Gland 2	Gland 3
Wire Function	A (Red) and B (Black): Controller Power Supply Input (220 – 240 VAC 50/60 Hz)	EXV Coil	DLT Sensor
	C (Black) and D (Brown): Compressor Start/Stop Input (220 – 240 VAC 50/60 Hz)		
	E (Blue) and F (Yellow): Compressor Contactor Coil Control Output		
Wire Connection	Wires A and B: Connect to terminal	Connect to the EXV port at the top edge of the control board	Connect to the DLT port at the top edge of the control board
	Wires C and D: Connect to the blue connector on the control board		
	Wires E and F: Connect to the gray connector on the control board		
Gland Internal Diameter Range	2 – 3 mm		
Jacket Line Requirement	Internal wire size: 18 AWG		
	Rated voltage: 300V/600V		
	Rated temperature: 80/105 °C		
	Recommended: UL105, UL1011, UL1007		