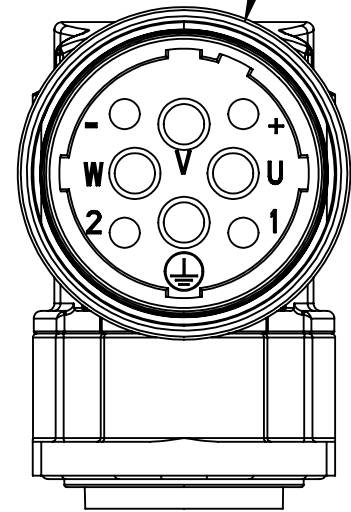
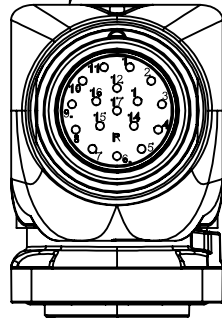




WD1456A09
(Plug side)
WD1456A23



WD1456A06
(Plug side)
WD1456A21

Motor connection definition_Resolver					
Power connector definition (Power & Brake & PTC leads)			Signal connector definition (Resolver leads)		
PIN	Function	Color	PIN	Function	Color
U	U(R) phase	Black	1	R1 (REF+)	Red/White
V	V(S) phase	Red	2	R2 (REF-)	Yellow/White
W	W(T) phase	Blue	3	S1 (COS+)	Red
PE	Ground	Yellow/Green	4	S3 (COS-)	Black
1	PTC	Black	5	S4 (SIN-)	Blue
2	PTC	Blue	6	S2 (SIN+)	Yellow
+	Brake	Yellow	7~17	-	-
-	Brake	Yellow			

Note: When motor without brake, power connector PIN +/- function is N/C.

Motor connection definition_Smart-ABS encoder					
Power connector definition (Power & Brake & PTC leads)			Signal connector definition (Smart-ABS encoder leads)		
PIN	Function	Color	PIN	Function	Color
U	U(R) phase	Black	1	VCC	Red
V	V(S) phase	Red	2	GND	Black
W	W(T) phase	Blue	3	VB	Brown
PE	Ground	Yellow/Green	4	GND	Brown/Black
1	PTC	Black	5	SD	Blue
2	PTC	Blue	6	SD	Blue/Black
+	Brake	Yellow	7	Case GND	Gray
-	Brake	Yellow	8~17	-	-

Note: When motor without brake, power connector PIN +/- function is N/C.

Motor connection definition_Hiperface DSL encoder		
Power connector definition (Power & Brake & DSL leads)		
PIN	Function	Color
U	U(R) phase	Black
V	V(S) phase	Red
W	W(T) phase	Blue
PE	Ground	Yellow/Green
1	+U _s /DSL+/PTC	Gray
2	GND/DSL-/PTC	Green
+	Brake	Yellow
-	Brake	Yellow
Note: When motor without brake, power connector PIN +/- function is N/C.		

Motor connection definition_Incremental encoder								
Power connector definition (Power & Brake & PTC leads)			Signal connector definition (Incremental leads)					
PIN	Function	Color	PIN	Function	Color	PIN	Function	Color
U	U(R) phase	Black	1	DC+5V	Red	10	U	Brown
V	V(S) phase	Red	2	GND	Black	11	$\overline{U}$	Brown/Black
W	W(T) phase	Blue	3	A	Blue	12	V	Gray
P F	Ground	Yellow/Green	4	$\overline{A}$	Blue/Black	13	$\overline{V}$	Gray/Black
1	PTC	Black	5	B	Green	14	W	White
2	PTC	Blue	6	$\overline{B}$	Green/Black	15	$\overline{W}$	White/Black
+	Brake	Yellow	7	Z	Yellow	9,16,17	-	-
-	Brake	Yellow	8	$\overline{Z}$	Yellow/Black			

Note: When motor without brake, power connector PIN +/- function is N/C.

REV. DESC: CHANGE DESCRIPTION			
REV: B	VERSION: 02	REVISED: 04:08:08 12/23/2024	TDR: 000001247054
MODEL NO. CD2167A10			REF: -
BY: CNCONIE	Material: -		B

BALDOR

CONNECTION DIAGRAM,HDS180