

## SF series Motors - Connector pinout

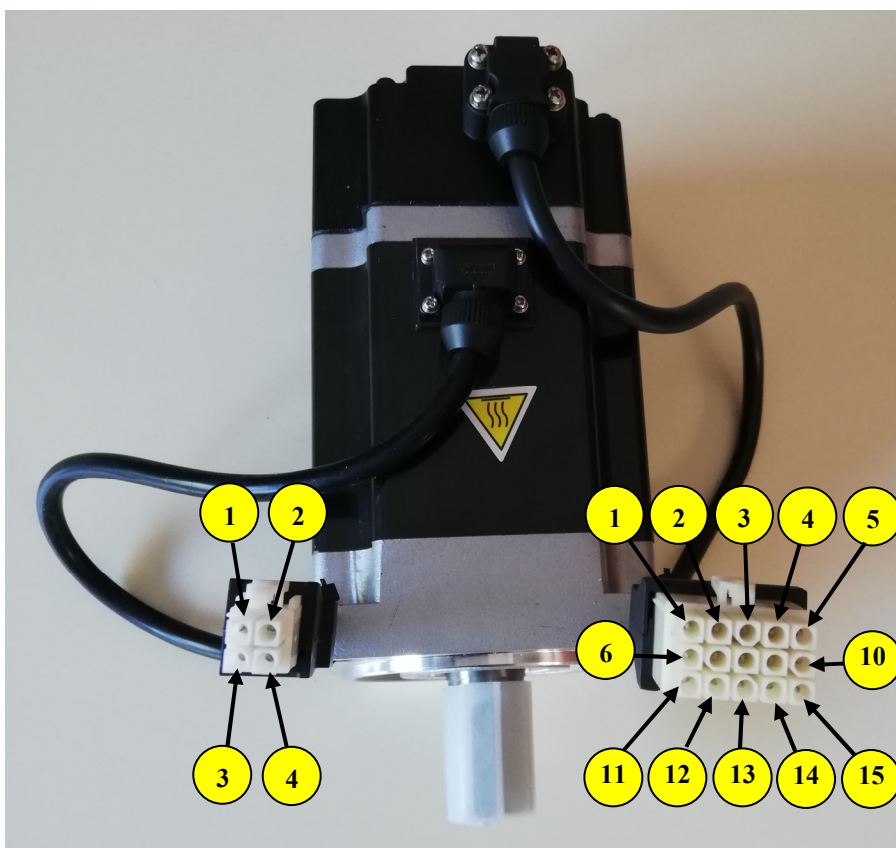
### 230V motor – incremental & hall effects encoder feedback

Motor reference : SFxxAxxx**C2****0**xxx

**A** : version 230V

**C2** : position sensor type incremental & hall effects encoder

**0** : motor without brake



Power - 4-point connector		
Pin	Name	Description
1	U	Motor phase U
2	V	Motor phase V
3	W	Motor phase W
4	PE	Protective Earth



If the motor is to be driven by an SMD drive, set the Direction Reversal parameter to Yes in the Incremental Encoder Feedback group accessible from the Drive Studio software workshop.

Encoder - 15-point connector		
Pin	Name	Description
1	PE	Protective Earth
2	5V	+ 5Vdc
3	0V	GND
4	B+	Encoder channel B
5	Z-	Encoder channel Z/
6	U+	Hall effect U
7	Z+	Encoder channel Z
8	U-	Hall effect U/
9	A+	Encoder channel A
10	V+	Hall effect V
11	W+	Hall effect W
12	V-	Hall effect V/
13	A-	Encoder channel A/
14	B-	Encoder channel B/
15	W-	Hall effect W/