



Technical data

1. Nominal voltage: 300V/15A (IEC 320V/12A)
PITCH: 5.0mm

2. Connection capacity:
AWG 30-12 (0.2-2.5mm²)

3. Insulation Withstands Voltage:
AC 1600V/MIN / 2500V/MIN

4. Insulation Resistance:
1000MΩ or more at DC500V

5. Tightening torque:
5kgf·cm (0.5N·m / 4.3 Lb·in)

6. Screw thread: M3

7. Stripping length: 6-7mm

8. Using temperature range: -40C°~115C°

9. Undimensioned Tolerances:

Dim L = P × 5.0	Dim B	Dim L
Dim B = (P - 1) × 5.0	0-30mm	±0.15
Dim A = (P - 1) × 5.0 + 6.0	over 30mm-60mm	±0.20
P = number of poles	over 60mm-90mm	±0.25
	over 90mm	±0.30

10. Safety approval:

11. RoHS Compliance

12. Critical dimension:

MBFR500 xx X xxx

① Poles 02-24

② Color

0 Black 3 Orange 5 Green 6 Blue 8 Gray.....

③ Custom 000 K MARK 00K KUNACON MARK

ITEM	NAME OF PART	MATERIAL	NOTES
6	Flange screw	STEEL	
5	CAGE	BRASS	
4	SCREW	STEEL	
3	WIRE GUARD	BRONZE (PbZn)	
2	DOWN BODY	PA66 UL94V-0	
1	UP BODY	PA66 UL94V-0	

DWG.	WF. Zhang	DATE	2016.03.10	UNITS:	MM	SHEET:	1 OF 1	Tolerance
CHK.	WF. Zhang	DATE	2016.03.30	SCALE:	NONE 2.5:1 (.)	REV.:	A	±0.50
APP.	Marvin Zhang	DATE	2016.03.30	TITLE:	MB-FR500 Series w/Flange			
					"" Slot screw type			
					PART NO. MBFR500xxxxxxx			
					X ⁺			
					±1 ⁺			

DESCRIPTION	DATE	CHK.	SIGN.

DWG NO.	MB-F500-B001
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