



Product Description: Pitch:5.08mm Rated
Voltage : 320V Rated Current:18A Connection
method : Screw connection colour : customizable

The technical drawing shows two views of a three-phase motor terminal box:

- Top View (Upper):** Shows the side profile of the terminal box. Key dimensions include:
 - Total width: 5.08
 - Distance between mounting holes: 1.60
 - Mounting hole diameter: $\phi 1.00$
 - Height from base to mounting hole center: 2.00
 - Overall height: 2.47
- Front View (Lower):** Shows the face of the terminal box with three terminals. Key dimensions include:
 - Terminal width: 0.20
 - Terminal height: 2.85
 - Distance from side flange to terminal center: 5.08
 - Distance between terminal centers: 5.08
 - Dimension across all three terminals: Dim.a
 - Dimension across terminals plus internal spacing: $a + 5.70$
 - Overall dimension across the entire unit: Dim.b = $a + 15.10$
 - Bottom flange thickness: 2.60

MC-RB5.08H08C-K-0001



5.08

 Number of levels

single layer

 Number of connections

8

☞ Connection method	Screw connection
☞ Protection Level	IP20
☞ Operating temperature range	-40~+105°C
☞ Insulation material	PA66
☞ Insulation material group	I
☞ Contact material	Copper alloy
☞ Contact plating	Sn,Plated
☞ Color	Green/Black/Blue/Grey/Orange/Red

Technical data

☞ IEC Rated Current	18A
☞ IEC Rated Voltage	320V
☞ Overvoltage category	III/III/ II
☞ Degree of pollution	3 2 2
☞ Rated impulse voltage	4.0KV 4.0KV4.0KV
☞ UL Rated Current	15A - 10A
☞ UL Rated Voltage	300V - 300V
☞ Conductor cross section rigid	0.2-2.5mm ²
☞ Conductor cross section flexible	0.2-2.5mm ²
☞ Conductor cross section flexible,with furrule	0.2-2.5mm ²
☞ Locking screw Specification	M3
☞ Locking screw torque	0.5N.m
☞ Fixed Screw Specification	M2.5
☞ 固定螺钉扭矩	0.3N.m

☞ Stripping length	7~8mm
☞ Use group	B/C/D
☞ Rated cross section	24~12AWG

Commercial data

☞ Order No	MC-RB5.08H08C-K-0001
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