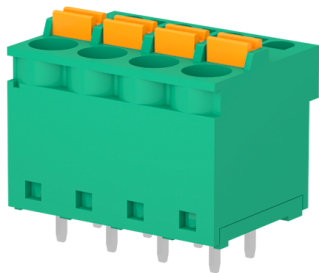


MCQ07001 - Terminal block

<https://www.sauro.net/product/MCQ07001>



Number of poles: 7, Spring tightening, 16A, 2.5mm², 12AWG, 300V, Pitch 5 mm, Side stackable, Connection Angle 90°, Number of levels: 1, Green (RAL 6032), Soldering technology Wave, UL, CUL, IEC

General data

Number of poles	7
Number of levels	1
Sides configuration	Side stackable
Pitch	5 mm
Voltage	300 V
Current	16 A
Housing composition	Monolithic
Wire section	2.5 mm²
Connection angle	90°
Available approvals	UL, CUL, IEC
Stripping length	10 mm

Features

Operating temperature range	-40°C ÷ 105°C
Climatic category	-40/105/21 according to EN60068-1
Contact resistance	<15 mOhm
Insulation resistance	>1 GOhm

Certifications

CUL (n.E167473)

Rated voltage	300 V
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Nominal current	16 A
Wire section	30 AWG ÷ 12 AWG

IEC (n.EN60998)

Rated voltage	250 V		
Nominal current	16 A		
Wire section solid / stranded	2.5 mm² / 2.5 mm²		
Insulating category	I		
Overvoltage category/Pollution degree	III/3	III/2	II/2
Impulse voltage	4kV	4kV	4kV
Rated voltage	300V	300V	600V
Insulation voltage	320V	320V	630V
Maximum temp usage	110		

UL (n.E167473)

Usage group	B	C	D
Rated voltage	300 V	-	-
Nominal current	16 A		
Wire section	30 AWG		
	÷ 12 AWG		

Materials

Terminal contact	Nickel and tin on copper alloy
Spring tightening	Stainless steel
Insulating housing material	PA Polyamide
Insulating material group	I (CTI >= 600V)
Flammability rating according to UL94	V0
Glow Wire Flammability Index GWFI according to EN60695-2-12	850°C
Glow Wire Ignition Temperature GWIT according to EN60695-2-13	775°C

Available colors

Green	similar toRAL 6032
Dark green	similar to RAL 6017
Black	similar to RAL 9005
Light gray	similar to RAL 7035
Dark gray	similar to RAL 7040
Orange	similar to RAL 2003
Blue	similar to RAL 5012

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Brown	similar to RAL 8028
Yellow	similar to RAL 1018
White	similar to RAL 9001
Red	similar to RAL 3017
Another color	on demand

