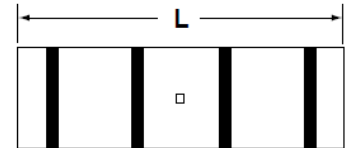


# 3M™ Scotchlok™ Terminals

MC2BC thru MC250BC

Butt Connector, Non-Insulated, Seamless



Data Sheet

March 2009

Product Number	Color Code	Wire Range	L	Barrel I.D.
MC2BC	Brown	1 AWG	1.38	.34
MC1BC	Green	2 AWG	1.38	.36
MC1/0BC	Pink	1/0 AWG	1.55	.41
MC2/0BC	Black	2/0 AWG	1.80	.46
MC3/0BC	Orange	3/0 AWG	1.90	.51
MC4/0BC	Purple	4/0 AWG	2.00	.56
MC250BC	Yellow	250 kcmil	2.25	.63

<b>Specifications</b>	Wire Size:	See Table Above
	Seam Style:	Seamless
	Maximum Current:	Same as Wire
	Terminal Material:	ETP Copper
	Terminal Planting:	Tin

## Installation Information

### **WARNING**

Turn power off before installing or removing terminal. All electrical work should be done according to appropriate electrical codes.

One crimp with the proper tool and dies secures the inserted stripped conductor. See chart below for the proper strip length, tool, and crimp die.



Barrel Crimp (Required)

Wire Size AWG or MCM	Strip Length	Crimp Tool and Die	
		Burndy MY29-3 Scale Setting	T&B TBM5 Die Color
2	.50 inch	4	Brown
1	.56 inch	2	Green
1/0	.60 inch	1/0	Pink
2/0	.67 inch	2/0	Black
3/0	.75 inch	3/0	Orange
4/0	.84 inch	4/0	Purple
250	.84 inch	U29RT	Yellow

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**Engineering Specification**

Crimp-type terminals shall electrically and mechanically connect permanently to the pre-stripped ends of two stranded copper wires. The connector line shall offer barrel variations in wire (AWG or MCM) size (#2 to 250 MCM). The non-insulated, seamless butt connector shall be tin-plated annealed copper sized for specified (AWG or MCM) wire range (2 AWG thru 250 MCM)

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**Shelf-life & storage**

This product has a 5-year shelf life from date of manufacture when stored in a humidity controlled storage (50°F/10°C to 80°F/27°C and <75% relative humidity).

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**Availability**

Please contact your local distributor, available from 3M.com/electrical [Where to Buy] or call 1-800-245-3573.

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