

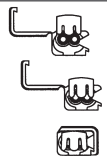
INSULATION DISPLACEMENT CONNECTORS

FEATURES	ADVANTAGES	BENEFITS
Squeeze-shut connector	No wire stripping or twisting	Saves time
Crimp with slip-joint pliers	No special tools required	Saves money
Unique "U" contact, fully insulated	Provides dependable connections	Safety
No need to cut run wire	Faster installation, minimum clean-up	Saves time
No need to twist on	Easy on hands	Easy to use



CONNECTING TIPS

Quick, reliable splices are a squeeze. And a snap.



- 3M Scotchlok Insulation Displacement Connectors (IDCs) are easy to use and save time — to install one, just squeeze — no stripping or twisting. Our unique "U" contact provides a dependable electrical connection.
- A "live-spring" joint is made by driving the "U" contact down into the connector.
 - As the "U" contact is pressed into the connector, it grasps the conductors as it displaces the insulation.
 - Contact grips the conductor and holds with a firm, resilient pressure.

Specifications for 3M™ Scotchlok™ Insulation Displacement Connectors












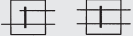









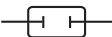
Connector	Type Connection	Features/Description	Maximum Insulation O.D. in. (mm)	Wire Range AWG (mm ²)	Operating Temperature	UL, CSA or CE Certified	Suggested 3M Tools/Mate
314*		Moisture-resistant seal Flame retardant	0.155" (3,9 mm)	22-14 (0,5-1,5 mm ²) Solid/Stranded	221°F (105°C)	††	E-9BM
314U*		Dry environment applications Flame retardant	0.155" (3,9 mm)	22-14 (0,5-1,5 mm ²) Solid/Stranded	221°F (105°C)	††	E-9BM
316IR		Moisture-resistant applications	0.155" (3,9 mm)	22-16 (0,5-1,0 mm ²) Solid/Stranded	221°F (105°C)	N/A	E-9BM
557		Dual element connection Flame retardant	0.120" (3,05 mm)	22-16 (0,5-1,5 mm ²) Solid/Stranded	221°F (105°C)	††	E-9BM
558		Flame retardant	0.120" (3,05 mm)	22-16 (0,5-1,5 mm ²) Solid/Stranded	221°F (105°C)	††	E-9BM
560		Flame retardant	0.145" (3,68 mm)	18-16 (0,75-1,0 mm ²) Solid/Stranded 14 (1,5 mm ²) Stranded	221°F (105°C)	††	E-9BM
560B		Run and tap Splicing Flame retardant	0.145" (3,68 mm)	18-16 (0,75-1,0 mm ²) Solid/Stranded 14 (1,5 mm ²) Stranded	194°F (90°C)	††	E-9BM
560N		Flame retardant	0.145" (3,68 mm)	18-16 (0,75-1,0 mm ²) Solid/Stranded 14 (1,5 mm ²) Stranded	221°F (105°C)	††	E-9BM
562		Run and tap Splicing Flame retardant	0.190" (4,82 mm)	12 (2,5 mm ²) Solid/Stranded 10 (4,0 mm ²) Stranded	194°F (90°C)	††	E-9BM

* Also tested in accordance with UL Standard for Portable Electric Lamps, UL 153, Section 15 when housed within the body of the lamp.

† UL Listed 70512 and/or CSA Certified LR15503

†† UL Listed 23438 and/or CSA Certified LR15503

Specifications for 3M™ Scotchlok™ Insulation Displacement Connectors

Connector	Type Connection	Features/Description	Maximum Insulation O.D. in. (mm)	Wire Range AWG (mm ²)	Operating Temperature	UL, CSA or CE Certified	Suggested 3M Tools/Mate
		Double Run	0.145" (3,68 mm)	18-14 (0,75-1,5 mm ²) Solid/Stranded	194°F (90°C)	CE	E-9BM
		Dual element connection Flame retardant	0.145" (3,68 mm) Tap 0.190" (4,82 mm) Run	18-14 (0,75-1,5 mm ²) Tap 12-10 (2,5-4,0 mm ²) Run Solid/Stranded	221°F (105°C)	UL SF CE ††	E-9BM
		Moisture-resistant applications Flame retardant	0.145" (3,68 mm)	18-16 (0,75-1,5 mm ²) Solid/Stranded 14 (1,5 mm ²) Stranded	167°F (75°C)	UL ††	E-9BM
		Run & Tap Flame retardant	0.145" (3,68 mm)	18-16 (0,75-1,5 mm ²) Solid/Stranded 14 (1,5 mm ²) Stranded	167°F (75°C)	UL ††	E-9BM
		Disconnect	0.145" (3,68 mm)	18-14 (0,75-1,5 mm ²) Solid/Stranded	194°F (90°C)	N/A	E-9BM MNG14-156DM
		Low voltage (automotive) applications	0.110" (2,79 mm) Tap 0.145" (3,68 mm) Run	22-18 (0,5-0,75 mm ²) Tap 18-14 (0,75-1,5 mm ²) Run Solid/Stranded	194°F (90°C)	CE	E-9BM
		Low voltage (automotive) applications	0.110" (2,79 mm) Tap 0.145" (3,68 mm) Run	22-18 (0,5-0,75 mm ²) Tap 18-14 (0,75-1,5 mm ²) Run Solid/Stranded	194°F (90°C)	N/A	E-9BM
		T-tap disconnect Flame retardant	0.150" (3,81 mm)	22-18 (0,5-0,75 mm ²) Solid/Stranded	221°F (105°C)	UL SF ††	E-9BM Mate: 0.250" male tab MNG18-250 DMI
		T-tap disconnect Flame retardant	0.150" (3,81 mm)	18-14 (0,75-1,5 mm ²) Solid/Stranded	221°F (105°C)	UL SF †	E-9BM Mate: 0.250" male tab MNG14-250 DMI
		T-tap disconnect Flame retardant	0.150" (3,81 mm)	12 (3,0 mm ²) Solid/Stranded	221°F (105°C)	UL SF †	E-9BM Mate: 0.250" male tab MNG10-250 DMI
		Auto fuse holder	0.150" (3,81 mm)	18-14 (0,75-1,5) Solid/Stranded	194°F (90°C)	N/A	E-9BM

* Also tested in accordance with UL Standard for Portable Electric Lamps, UL 153, Section 15 when housed within the body of the lamp.

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