

3M Science.
Applied to Life.™

3M™ Scotchlok™ Insulation Displacement Connectors (IDCs)

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

Proven splicing technology designed for your specific applications.

Some 50 years after 3M introduced the industry's original insulation displacement connector, 3M™ Scotchlok™ Insulation Displacement Connectors (IDCs) still offer the quick installation and reliability that professionals demand. Scotchlok IDCs also incorporate a full wire range capability, an increased port size that accommodates up to 4.82mm insulation sizes, double “U” elements and a solvent-resistant plastic construction. Choose from 15 different 3M™ Scotchlok™ IDCs to meet a variety of uses, including fixture, appliance, automotive, marine and control circuit wiring.

No stripping. No twisting. Just a snap and squeeze and done.

3M™ Scotchlok™ IDCs are easy to use and can help 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 connector.



As the “U” contact is pressed into connector, it grasps conductors as it displaces insulation.



The contact grips conductor(s) and holds with a firm, resilient pressure.



- ▶ 3M™ Scotchlok™ IDCs have a range of approvals and ratings that meet with industrial standards
- ▶ 3M™ Scotchlok™ IDCs are used in a range of applications in automotive and marine wiring, lighting, security and control systems

3M™ Scotchlok™ Insulation Displacement Connectors (IDCs) for electrical applications

Connector	Type connector	Special features	Maximum insulation	Wire range mm ²	Operating temperature	Voltage rating	Approvals
314*	 	Moisture resistant seal. Flame retardant.	3.94mm	0.5-1.5mm ²	105°C	600/1000V	  
314U*	 	Dry environment applications. Flame retardant.	3.94mm	0.5-1.5mm ²	105°C	600/1000V	
316IR	 	Moisture resistant applications.	3.94mm	0.5-1.5mm ²	105°C	32V	
534S	 	Flame retardant. Stop port deformable to allow run tap.	3.5mm	1.5 – 2.5mm ²	90°C	32V	
557*	 	Dual element connection. Flame retardant.	3.05mm	0.5-1.5mm ²	105°C	600/1000V	
558*	 	Flame retardant.	3.05mm	0.5-1.5mm ²	105°C	600/1000V	
560B	 	Run and tap splicing. Flame retardant.	3.68mm	0.75-1.5mm ² Solid/Stranded	105°C	600/1000V	
562	 	Run and tap splicing. Flame retardant.	4.82mm	3.0-4.0mm ² Solid/Stranded	90°C	600/1000V	
567	 	Dual element connection. Flame retardant.	Tap: 3.68mm Run: 4.82mm	Tap: 0.75-1.5mm ² Run: 3.0-4.0mm ²	105°C	600/1000V	
804	 	Moisture resistant applications. Flame retardant.	3.68mm	0.75-1.5mm ² Solid/Stranded 14 Stranded	90°C	32V	
905	 	Low voltage (Automotive) applications.	Tap: 2.79mm Run: 3.68mm	Tap: 0.5-1.0mm ² Run: 0.75-1.5mm ²	90°C	32V	
951	 	T-Tap disconnect. Flame retardant.	3.81mm	0.5-1.0mm ²	105°C	600/1000V	
952	 	T-Tap disconnect. Flame retardant.	3.81mm	0.75-1.5mm ²	105°C	600/1000V	
MGC	 	Moisture guard applications.	Outer port: 5.33mm Inner Port: 3.81mm	Outer ports: 2.5-1.0mm ² Inner Port: 0.5mm ²	105°C	32V	

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

WARNING

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



For more information please visit www.3M.co.uk/electrical or contact your local 3M representative.

Important Notice

Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

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