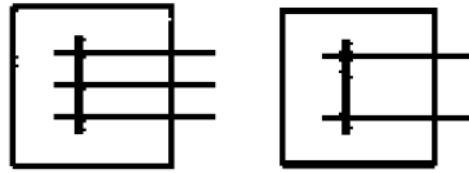


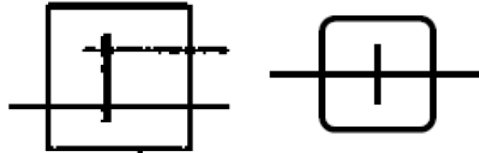
3M™ Scotchlok™ Insulation Displacement Connector (IDC) Selection Guide

What type of connection are you making?

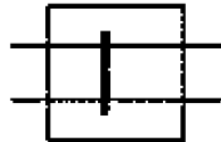
PIGTAIL



RUN/TAP



DOUBLE RUN



FUSE HOLDER



What is the gauge of your tap wire?



22-20 AWG

18 AWG

16 AWG

14 AWG solid

14 AWG stranded

DOUBLE RUN

Do you need UL and/or CSA Certification?



YES

NO

Do you need moisture resistance?



YES

NO

PIGTAIL

Does the connection need to be disconnectable?



YES

NO

RUN/TAP

Do you need moisture resistance?



YES

NO

RUN/TAP

What is the gauge of your run wire?



22-20 AWG

18-14 AWG

12-10 AWG

RUN/TAP

Which style disconnect?



0.250" Tab

0.156" Dia Bullet

DISCONNECT

What is the gauge of your wire?



22-20 AWG

18 AWG



16-14 AWG

12 AWG

DISCONNECT


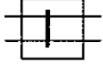



3M™ Scotchlok™ Fuse Holder 972-A



Connector	Type Connector	Special Features	Maximum Insulation	AWG (mm ²) Wire Range	Operating Temperature	UL or CSA Certified
972-A 		Fuse Holder	0.150" (3,81 mm)	18-14 (0,75-1,5)	105°C (221°F)	---




3M™ Scotchlok™ IDC Double Run Connector 560N



Connector	Type Connector	Special Features	Maximum Insulation	AWG (mm ²) Wire Range	Operating Temperature	UL or CSA Certified
560N 		Flame Retardant	0.145" (3,68 mm)	18-16 (0,75-1,5) Solid/Stranded 14 Stranded	105°C (221°F)	  


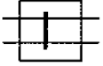

3M™ Scotchlok™ IDC Double Run Connector 564



Connector	Type Connector	Special Features	Maximum Insulation	AWG (mm ²) Wire Range	Operating Temperature	UL or CSA Certified
564 		Dry Environment Applications	0.145" (3,68 mm)	18-14 (0,75-1,5)	90°C (194°F)	


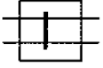




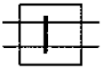


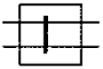

3M™ Scotchlok™ IDC Double Run Connector 905N



Connector	Type Connector	Special Features	Maximum Insulation	AWG (mm ²) Wire Range	Operating Temperature	UL or CSA Certified
905N 		Low Voltage (Automotive) Applications	0.110" (2,79 mm) Tap 0.145" (3,68 mm) Run	22-18 (0,5-1,0) Tap 18-14 (0,75-1,5) Run	90°C (194°F)	


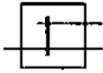



3M™ Scotchlok™ IDC Double Run Connector Comparison



Connector	Type Connector	Special Features	Maximum Insulation	AWG (mm ²) Wire Range	Operating Temperature	UL or CSA Certified
560N 		Flame Retardant	0.145" (3,68 mm)	18-16 (0,75-1,5) Solid/Stranded 14 Stranded	105°C (221°F)	  
564 		Dry Environment Applications	0.145" (3,68 mm)	18-14 (0,75-1,5)	90°C (194°F)	
905N 		Low Voltage (Automotive) Application	0.110" (2,79 mm) Tap 0.145" (3,68 mm) Run	22-18 (0,5-1,0) Tap 18-14 (0,75-1,5) Run	90°C (194°F)	


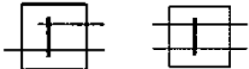



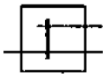



3M™ Scotchlok™ IDC Run/Tap Connector 558



Connector	Type Connector	Special Features	Maximum Insulation	AWG (mm ²) Wire Range	Operating Temperature	UL or CSA Certified
558* 		Flame Retardant	0.120" (3,05 mm)	22-16 (0,5-1,5)	105°C (221°F)	  


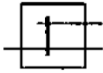


3M™ Scotchlok™ Run/Tap IDC Connector 562 and 567



Connector	Type Connector	Special Features	Maximum Insulation	AWG (mm ²) Wire Range	Operating Temperature	UL or CSA Certified
562 		Run & Tap Splicing Flame Retardant	0.190" (4,82 mm)	12-10 (3,0-4,0) Solid/Stranded 10 Stranded	90°C (194°F)	 
567 		Dual Element Connection Flame Retardant	0.145" (3,68 mm) Tap 0.190" (4,82 mm) Run	18-14 (0,75-1,5) Tap 12-10 (3,0-4,0) Run	105°C (221°F)	  

3M™ Scotchlok™ IDC Run/Tap Connector 804



Connector	Type Connector	Special Features	Maximum Insulation	AWG (mm ²) Wire Range	Operating Temperature	UL or CSA Certified
804 		Moisture Resistant Applications Flame Retardant	0.145" (3,68 mm)	18-16 (0,75-1,5) Solid/Stranded 14 Stranded	75°C (167°F)	 


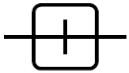

3M™ Scotchlok™ IDC Run/Tap Connector Comparison



Connector	Type Connector	Special Features	Maximum Insulation	AWG (mm ²) Wire Range	Operating Temperature	UL or CSA Certified
558* 		Flame Retardant	0.120" (3,05 mm)	22-16 (0,5-1,5)	105°C (221°F)	  
560 		Flame Retardant	0.145" (3,68 mm)	18-16 (0,75-1,5) Solid/Stranded 14 Stranded	105°C (221°F)	  
560B 		Run & Tap Splicing Flame Retardant	0.145" (3,68 mm)	18-16 (0,75-1,5) Solid/Stranded 14 Stranded	105°C (221°F)	 
905 		Low Voltage (Automotive) Applications	0.110" (2,79 mm) Tap 0.145" (3,68 mm) Run	22-18 (0,5-1,0) Tap 18-14 (0,75-1,5) Run	90°C (194°F)	


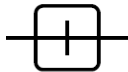

3M™ Scotchlok™ IDC 901



Connector	Type Connector	Special Features	Maximum Insulation	AWG (mm ²) Wire Range	Operating Temperature	UL or CSA Certified
901 		Disconnect	0.145" (3,68 mm)	18-14 (0,75-1,5)	90°C (194°F)	


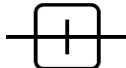


3M™ Scotchlok™ T-Tap Connector 951



Connector	Type Connector	Special Features	Maximum Insulation	AWG (mm ²) Wire Range	Operating Temperature	UL or CSA Certified
951 		T-Tap Disconnect Flame Retardant	0.150" (3,81 mm)	22-18 (0,5-1,0)	105°C (221°F)	




3M™ Scotchlok™ T-Tap Connector 952



Connector	Type Connector	Special Features	Maximum Insulation	AWG (mm ²) Wire Range	Operating Temperature	UL or CSA Certified
952 		T-Tap Disconnect Flame Retardant	0.150" (3,81 mm)	18-14 (0,75-1,5)	105°C (221°F)	 


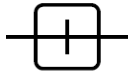


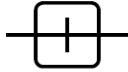

3M™ Scotchlok™ T-Tap Connector 953



Connector	Type Connector	Special Features	Maximum Insulation	AWG (mm ²) Wire Range	Operating Temperature	UL or CSA Certified
953 		T-Tap Disconnect Flame Retardant	0.150" (3,81 mm)	12 (3,0)	105°C (221°F)	


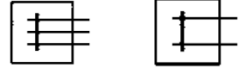


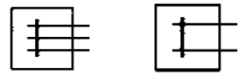


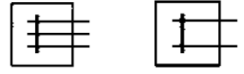

3M™ Scotchlok™ T-Tap Connector Comparison



Connector	Type Connector	Special Features	Maximum Insulation	AWG (mm ²) Wire Range	Operating Temperature	UL or CSA Certified
951 		T-Tap Disconnect Flame Retardant	0.150" (3,81 mm)	22-18 (0,5-1,0)	105°C (221°F)	
952 		T-Tap Disconnect Flame Retardant	0.150" (3,81 mm)	18-14 (0,75-1,5)	105°C (221°F)	






3M™ Scotchlok™ Moisture Resistant Pigtail Connectors Comparison



Connector	Type Connector	Special Features	Maximum Insulation	AWG (mm ²) Wire Range	Operating Temperature	UL or CSA Certified
314 		Moisture Resistant Seal, Flame Retardant	0.155" (3,94 mm)	22-14 (0,5-1,5)	105°C (221°F)	
316IR 		Moisture Resistant Applications	0.155" (3,94 mm)	22-16 (0,5-1,5)	105°C (221°F)	
MGC 		Moisture Guard Applications	0.210" (5,33 mm) Outer Port 0.150" (3,81 mm) Inner Port	Outer Ports 12 str, 14 – 16 sol/str (2,5-1,0) Inner Port 18 sol/str, 20 str (0,5)	105°C (221°F)	

3M™ Scotchlok™ Non-Moisture Resistant Pigtail Connector



Connector	Type Connector	Special Features	Maximum Insulation	AWG (mm ²) Wire Range	Operating Temperature	UL or CSA Certified
557 		Dual Element Connection Flame Retardant	0.120" (3,05 mm)	22-16 (0,5-1,5)	105°C (221°F)	  



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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