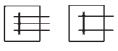
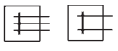
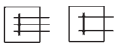
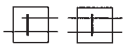
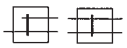
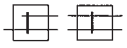
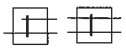
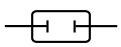
IDCs for Electrical Applications

Connector	Type Connector	Special Features	Maximum Insulation	AWG (mm^2) Wire Range	Operating Temperature	UL, CSA or CE Certified
314* 		Moisture Resistant Seal	0.155" (3,94 mm)	22-14 (0,5-1,5)	105°C (221°F)	UL, CSA
314U* 		Dry Environment Applications	0.155" (3,94 mm)	22-14 (0,5-1,5)	105°C (221°F)	UL, CSA
316IR 		Moisture Resistant Applications	0.155" (3,94 mm)	22-16 (0,5-1,5)	105°C (221°F)	—
557* 		Dual Element Connection	0.120" (3,05 mm)	22-16 (0,5-1,5)	105°C (221°F)	UL, CSA, CE
558* 		Flame Retardant	0.120" (3,05 mm)	22-16 (0,5-1,5)	105°C (221°F)	UL, CSA, CE
560 		Flame Retardant	0.145" (3,68 mm)	18-16 (0,75-1,5) Solid/Stranded 14 Stranded	105°C (221°F)	UL, CSA, CE
560B 		Run & Tap Splicing	0.145" (3,68 mm)	18-16 (0,75-1,5) Solid/Stranded 14 Stranded	90°C (194°F)	UL
560N 		Flame Retardant	0.145" (3,68 mm)	18-16 (0,75-1,5) Solid/Stranded 14 Stranded	105°C (221°F)	UL, CSA
562 		Run & Tap Splicing	0.190" (4,82 mm)	12-10 (3,0-4,0) Solid/Stranded 10 Stranded	90°C (194°F)	UL, CE
564 		Dry Environment Applications	0.145" (3,68 mm)	18-14 (0,75-1,5)	90°C (194°F)	CE
567 		Dual Element Connection	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)	UL, CSA, CE
804 		Moisture Resistant Applications	0.145" (3,68 mm)	18-16 (0,75-1,5) Solid/Stranded 14 Stranded	75°C (167°F)	UL
804U 		Dry Environment Applications	0.145" (3,68 mm)	18-16 (0,75-1,5) Solid/Stranded 14 Stranded	75°C (167°F)	UL
901 		Disconnect	0.145" (3,68 mm)	18-14 (0,75-1,5)	90°C (194°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)	CE
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)	—
951 		T-Tap Disconnect	0.150" (3,81 mm)	22-18 (0,5-1,0)	105°C (221°F)	UL, CSA
952 		T-Tap Disconnect	0.150" (3,81 mm)	18-14 (0,75-1,5)	105°C (221°)	UL, CSA
953 		T-Tap Disconnect	0.150" (3,81 mm)	12 (3,0)	105°C (221°)	UL, CSA
972 		Fuse Holder	0.150" (3,81 mm)	18-14 (0,75-1,5)	90°C (194°F)	—

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

IDCs for Communication Applications

Connector	Type Connector	Special Features	Maximum Insulation	AWG (mm^2) Wire Range	Operating Temperature	UL, CSA or CE Certified
U1B** 		Full Pair	0.125" (3,18 mm)	16-19 (1,3-0,9) Solid Wire	-40 to 285°F (-40 to 140°C)	—
U1R** 		Full Pair	0.125" (3,18 mm)	19-24 (0,9-0,5) Solid Wire	-40 to 285°F (-40 to 140°C)	—
UAL** 		For Aluminum Copper	0.082" (2,08 mm) Outside port 0.076" (1,93 mm) Center port	17-20 (1,15-0,5) Solid Wire 19-24 (0,9-0,5) Copper	-40 to 285°F (-40 to 140°C)	—
UB** 		Moisture Resistant Seal	0.050" (1,27 mm)	19-26 (0,7-0,4) Solid Wire	-40 to 285°F (-40 to 140°C)	—
UB2A** 		RUS Listed Full Featured	0.082" (2,08 mm)	19-26 (0,9-0,4) Solid Wire	-40 to 285°F (-40 to 140°C)	—
UB2A-D** 		RUS Listed Full Featured	0.082" (2,08 mm)	19-26 (0,9-0,4) Solid Wire	-40 to 285°F (-40 to 140°C)	—
UG** 		Moisture Resistant Seal	0.066" (1,67 mm)	19-26 (0,9-0,4) Solid Wire	-40 to 285°F (-40 to 140°C)	—
ULG** 		For large insulations	0.082" (2,08 mm) Outside Port 0.076" (1,93 mm) Center Port	19-26 (0,9-0,4) Solid Wire	-40 to 285°F (-40 to 140°C)	—
UP2** 		Dry Flame Retardant	0.060" (1,52 mm)	22-26 (0,7-0,4) Solid Wire	-40 to 285°F (-40 to 140°C)	—
UP3** 		Dry Flame Retardant	0.066" (1,67 mm)	19-26 (0,9-0,4) Solid Wire	-40 to 285°F (-40 to 140°C)	—
UR** 		Moisture Resistant Seal	0.066" (1,67 mm)	19-26 (0,9-0,4) Solid Wire	-40 to 285°F (-40 to 140°C)	—
UR2** 		RUS Listed Full Featured	0.082" (2,08 mm)	19-26 (0,9-0,4) Solid Wire	-40 to 285°F (-40 to 140°C)	—
UR2-D** 		Dry Full Featured	0.082" (2,08 mm)	19-26 (0,9-0,4) Solid Wire	-40 to 285°F (-40 to 140°C)	—
UY** 		Moisture Resistant Seal	0.060" (1,52 mm)	22-26 (0,7-0,4) Solid Wire	-40 to 285°F (-40 to 140°C)	—
UY2** 		RUS Listed Full Featured	0.082" (2,08 mm)	19-26 (0,9-0,4) Solid Wire	-40 to 285°F (-40 to 140°C)	—
UY2-D** 		Dry Full Featured	0.082" (2,08 mm)	19-26 (0,9-0,4) Solid Wire	-40 to 285°F (-40 to 140°C)	—

*** Solid wire only.*

Insulation Displacement Connectors

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

- Many 3M IDCs are either UL-Listed (file No. E23458) or CSA-Certified (file No. LR 15503).
- UL Listed and CSA Certified products have a voltage rating of 600V maximum for building wire, 1000V maximum for signs or lighting fixtures (luminaries).
- The 3M™ E-9BM Crimping Tool is recommended for installing 3M IDCs.



