

L-823 Primary Connector Kits - Style 3 and Style 10



Application

Integro Primary Connector Kits are used to install Isolation Transformers into series circuits, and to make serviceable splice connections or test points in L-824 Airport Lighting Cable on primary power circuits.

Where They are Used

Integro Primary Connector Kits are used on all installations with our transformers and are therefore installed in all the same regions.

Approvals

Integro Primary Connector Kits are approved to the FAA L-823 specification and are certified by ITS Testing Labs to FAA Advisory Circular 150/5345-26.

Design

Integro Primary Connector Kits are molded in thermoplastic rubber for superior dielectric strength, and to ensure watertight connections in the field. Each molded kit housing is filled with insulating silicone to fill voids. They are rated 25 Amps and 5,000 Volts.

Each Primary Connector Kit includes:

- Style 3 male Pin
- Style 3 male Housing
- Instruction Sheet
- Style 10 female Receptacle
- Style 10 female Housing
- Paper Wipe for cleaning

Ordering Information: **11174 - XX**
(XX - Size Code)

FAA Listing	Integro Part #	Cable	Min OD	Max OD
L-823	11174-03	8 AWG	.238"	.273"
Style 3 & 10	11174-01	8 AWG	.320"	.430"
	11174-05	8 AWG	.410"	.585"
	11174-08	8 AWG	.575"	.785"
	11174-04	6 AWG	.320"	.430"
	11174-02	6 AWG	.410"	.585"
	11174-06	6 AWG	.575"	.785"

L-823 Secondary Connector Kits Style 4 and Style 11



Application

Both types of **Integro** Secondary Connector Kits are used to make serviceable in field splice connections on both single wires (Style 4 and Style 11) and two conductor cable (Style 5 and Style 12) in secondary lighting circuits. They can be used to assemble a secondary extension, terminate a fixture lead, or connect a transformer secondary lead.

Design

Both types of **Integro** male and female Secondary Connector Kits are molded in thermoplastic rubber for superior dielectric strength, and to ensure watertight connections in the field. Each kit comes with a molded male or female connector and connector housing, as well as an instruction sheet and grease packet for easy installation. They are rated 20 Amps and 600 Volts.

FAA #	Integro Part #	Cable	Min OD	Max OD
L-823	11254-11	10-12 AWG	.110"	.200"
Style 4	11254-21	10-12 AWG	.160"	.250"
	11254-12	14-16 AWG	.110"	.200"
	11254-22	14-16 AWG	.160"	.250"
Style 11	11255-11	10-12 AWG	.110"	.200"
	11255-21	10-12 AWG	.160"	.250"
	11255-12	14-16 AWG	.110"	.200"
	11255-22	14-16 AWG	.160"	.250"

Style 5 and Style 12



Approvals

Integro Secondary Connector Kits are approved to the FAA L-823 specification and are certified by ITS Testing Labs to FAA Advisory Circular 150/5345-26.

Ordering Information

- 11254-XX Style 4 Male – two wires
11255-XX Style 11 Female – two wires

- 11432-XX Style 5 Male – two conductor cable
11433-XX Style 12 Female – two conductor cable
(XX - Size Code)

FAA #	Integro Part #	Cable	Min OD	Max OD
L-823	11432-31	10-12 AWG	.415"	.500"
Style 5	11432-41	10-12 AWG	.510"	.600"
	11432-32	14-16 AWG	.415"	.500"
	11432-42	14-16 AWG	.510"	.600"
Style 12	11433-31	10-12 AWG	.415"	.500"
	11433-41	10-12 AWG	.510"	.600"
	11433-32	14-16 AWG	.415"	.500"
	11433-42	14-16 AWG	.510"	.600"