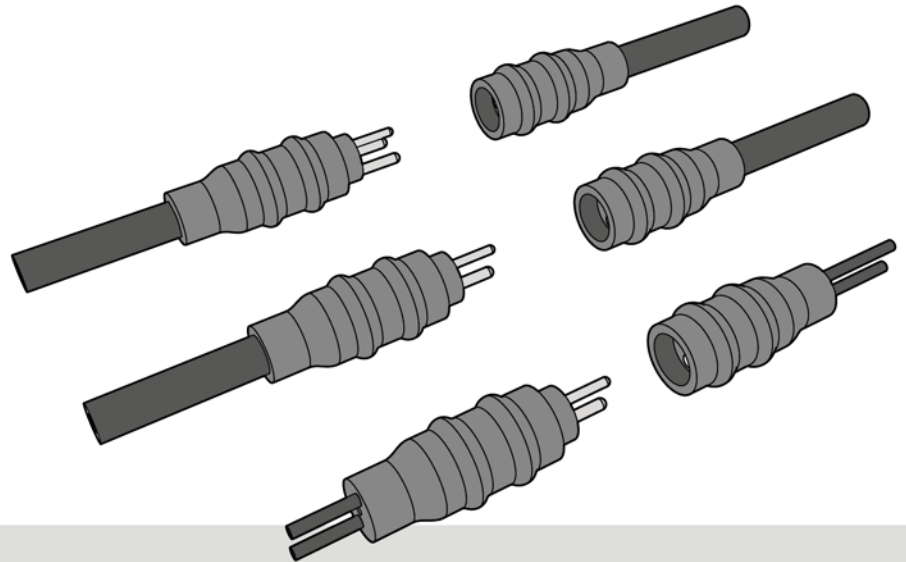


Secondary Connector Kit



SECONDARY CONNECTION EASY AND QUICK INSTALLATION ON-SITE ASSEMBLY

The electrical connectors SKE are designed for the realization of secondary extension cables, necessary for the electrical connection between fixtures and relevant isolation transformers, when the direct coupling is not possible.

Realised in thermoplastic elastomer (TPE), can be used with maximum operating voltage 600 V and maximum operating current 20 A.

The connectors, FAA certified, can be used with bipolar cables or with pairs of unipolar cables (1.5-2.5|4.0-6.0 mm² / 16-14|12-10/8 AWG). Each kit includes each accessory necessary to realize the connection.

All the connectors can be assembled directly in field.

Compliance:

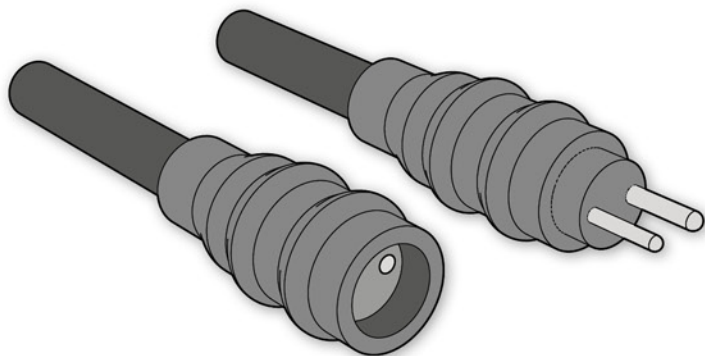
AC150/5343-47 (L823) **FAA**

(EU) NO2002/95/EC **RoHS**

ocem



ocem.com



Secondary connectors for bipolar cable

The connectors for bipolar cable, with silicone filling, allow a fast and clean installation.

The connectors fit a wide selection of double insulation multipolar cables, with diameter between 8.5 and 18.0 mm (0.334 - 0.708 inch). The metallic push rods can be crimped on section conductors 1.5 - 6 mm² (16 - 10/8 AWG).

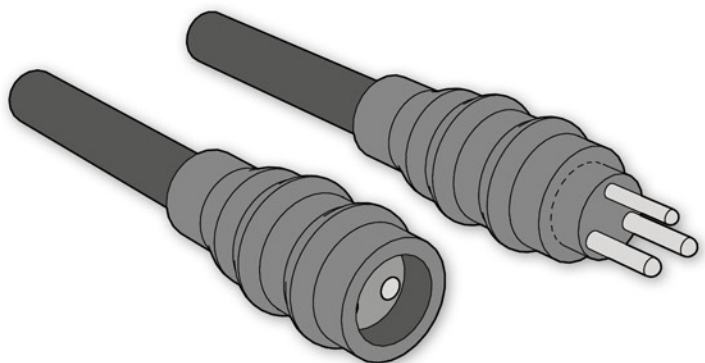
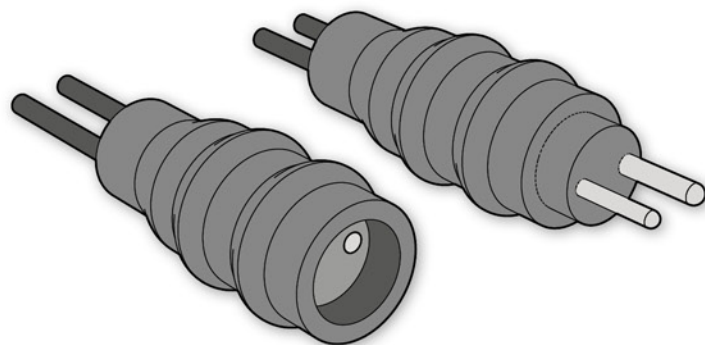
The secondary connectors for bipolar cable are FAA certified (L-823 type II, class B, style 5 -plug- and 12 -socket-).

Secondary connectors for unipolar cable

The connectors for pair of unipolar cable, with silicone filling, allow a fast and clean installation.

The connectors fit a wide selection of unipolar cables, with diameter between 2.8 and 8.0 mm (0.110 - 0.314 inch). The metallic push rods can be crimped on section conductors 1.5 - 6 mm² (16 - 10/8 AWG).

All the secondary connectors for unipolar cables are FAA certified (L-823 type II, class B, style 4 -plug- and 11 -socket-).



Secondary connectors for tripolar cable

The connectors for tripolar cable, with silicone filling, allow a fast and clean installation.

The connectors fit a wide selection of double insulation multipolar cables, with diameter between 8.5 and 18.0 mm (0.334 - 0.708 inch). The metallic push rods can be crimped on section conductors 1.5 - 6 mm² (16 - 10/8 AWG).

Attention: the secondary connectors for tripolar cable are connectable with other secondary connectors. Take all necessary safety measures to avoid dangers arising from possible incorrect connections.

AVAILABLE VERSIONS (model SKE R)



SKE-0RA6
SKE-0RC4
SKE-0RB4
SKE-0RD4



SKE-1RE6
SKE-1RF4
SKE-1RE4



SKE-3RE6
SKE-3RF4
SKE-3RE4

Each kit includes a connector (socket) and all accessories required for assembly.

HOW TO ORDER

Not all combinations can be ordered: check the configurations actually available in the catalogue before ordering.

example: SKE - 1 P - F 6

Cable type

0 = Two unipolar cables
1 = A bipolar cable
3 = A three-core cable

Connectors type

P = Plug (male connector)
R = Socket (female connector)

Cable diameter (mm [inch])

connector

type 0

(A) 2.8 - 4.0
[0.110 - 0.157]
(B) 2.8 - 3.4
[0.110 - 0.133]
(C) 3.8 - 5.5
[0.149 - 0.216]
(D) 5.0 - 8.0
[0.196 - 0.314]

type 1

(E) 8.5 - 13.5
[0.334 - 0.531]
(F) 11.5 - 18.0
[0.453 - 0.708]

type 3

AWG - conductor section (mm²)

6 = 16-14 AWG - 1.5-2.5 mm²
4 = 12-10 AWG - 4.0-6.0 mm²

In the example **SKE 1P - F6**: secondary connector (silicon sealing) male (plug) for double insulation bipolar cable. Conductor section 16-14 AWG - 1.5 - 2.5 mm². Connector suitable for cable with outer diameter between 11.5 and 18.0 mm [0.453 - 0.708"].

AVAILABLE VERSIONS (model SKE P)



SKE-0PA6
SKE-0PC4
SKE-0PB4
SKE-0PD4



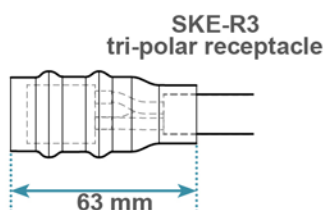
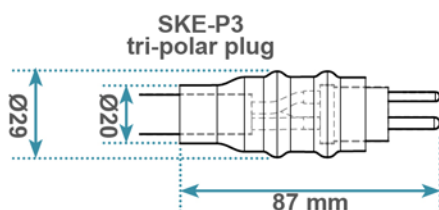
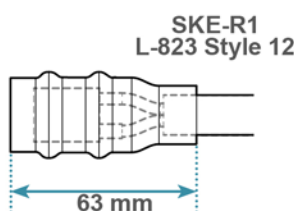
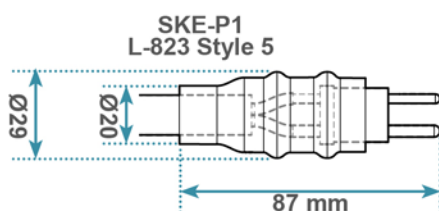
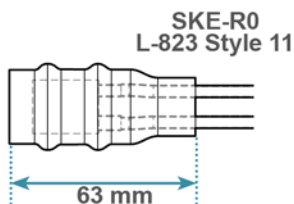
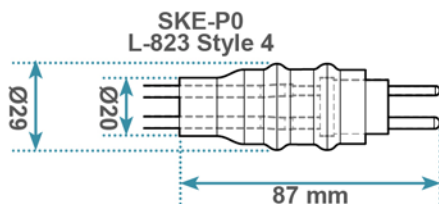
SKE-1PE6
SKE-1PF4
SKE-1PE4



SKE-3PE6
SKE-3PF4
SKE-3PE4

Each kit includes a connector (plug) and all accessories required for assembly.

TECHNICAL DRAWINGS

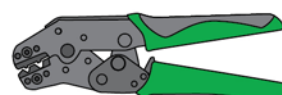


CODE	COND. SIZE	EXT. DIAM.
A6:	1.5-2.5 mm ² /16-14 AWG	2.8-4.0 mm 0.110-0.157"
C4:	4.0-6.0 mm ² /12-10/8 AWG	3.8-5.5 mm 0.149-0.216"
B4:	4.0-6.0 mm ² /12-10/8 AWG	2.8-4.0 mm 0.110-0.157"
D4:	4.0-6.0 mm ² /12-10/8 AWG	5.0-8.0 mm 0.196-0.314"

E6:	1.5-2.5 mm ² /16-14 AWG	8.5-13.0 mm 0.334-0.531"
F4:	4.0-6.0 mm ² /12-10/8 AWG	11.5-18.0 mm 0.453-0.708"
E4:	4.0-6.0 mm ² /12-10/8 AWG	8.5-13.0 mm 0.334-0.531"

E6:	1.5-2.5 mm ² /16-14 AWG	8.5-13.0 mm 0.334-0.531"
F4:	4.0-6.0 mm ² /12-10/8 AWG	11.5-18.0 mm 0.453-0.708"
E4:	4.0-6.0 mm ² /12-10/8 AWG	8.5-13.0 mm 0.334-0.531"

Note: to install the components and to crimp the metallic push rods on the cables specific tools, not provided, are required.



		SKE-P0	SKE-P1	SKE-R0	SKE-R1
		Style 4	Style 5	Style 11	Style 12
Ambient conditions	Nominal characteristics of the circuit	20 A/600 V	20 A/600 V	20 A/600 V	20 A/600 V
	Conductor dimension (mm)	1.5-6	1.5-6	1.5-6	1.5-6
	AWG	16-10/8	16-10/8	16-10/8	16-10/8
	Cable diameter (mm)	2.8 - 8	8.5 - 18.0	2.8 - 8	8.5 - 18.0
	Diameter/length of the connector (mm)	29/87	29/87	29/63	29/63
	Weight (kg)	0.05	0.05	0.05	0.05
	Volume (m ³)	0.0003	0.0003	0.0003	0.0003
Composition of the connector kit	Metallic push rods unit to crimp	1 (plug)	1 (plug)	1 (socket)	1 (socket)
	Containment housings (socket/plug)	1	1	1	1
	Silicone grease (inside the housing)	X	X	X	X
	Paper towel for cleaning	X	X	X	X
	Safety warnings/Installation instructions	X	X	X	X

The Manufacturer reserves the right to modify or update the technical parameters at any time without prior notice to Customer.

