



General Information

Kit Part Number:	2110837-4
Description:	Deluxe Vertical Header, Plug, Receptacle and Double Lock Plate Connector Kit
Application:	Air Conditioning, Copy Machines, Gas Equipment, Refrigerators, Vending, Washing Machines
Family:	Power Double Lock
TE Brand:	AMP Products
Solution:	Power Connectors
Product Type:	Wire-to-Board Connectors, Wire-to-Wire Connectors
Number of Pieces:	240
RoHS:	Yes

Specifications

Circuit Size(s):	2, 3, 4, 6
Color:	Natural
Crimp Terminal:	Male, Female
Current Rating:	14A
Flammability Rating:	UL94V-0
Mounting Style:	PCB Through Hole, Free-Hanging
Orientation:	Vertical Headers, Plugs, Receptacles
Pitch:	3.96mm (.156")
Rows:	Single Row, Dual Row
Tool Included:	No
Voltage Rating:	300V
Wire Gauge (AWG):	20-16

Product Highlights

These connectors can be used alone by inserting wire-terminated crimp snap-in contacts into the housing. However, to achieve more positive contact mounting, plug and cap housings can be equipped with a double-lock plate that helps to completely insert contacts.

Features and Benefits

- Power circuit connectors of compact design
- Uses double lock plate on the wire side that helps prevent partial mating of contacts
- Double lock plate compatible with high-count positions of more than 3 rows
- Tab and receptacle contacts resist scooping of contacts at mating/unmating
- Locking of plug to cap housings and plug to board mounted headers made by the semi-inner locking system that helps preclude the possibility of disengagement by external pressure
- Both wire-to-wire and wire-to-board applications available from the same Series lineup
- Board-mounted header compatible with resin coating, causing no hindrance with the plug locking function
- Design complies with a range of safety standards
- The housing lance design provides no lance on contacts and helps prevent entanglement of contacts with one another
- Fully polarized

Applications

- Refrigerators
- Air Conditioners



- Washing Machines
- Gas Equipment
- Copying Machines
- Automatic Vending Machines



Bill of Materials

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
179595-1	50	Power Double Lock Male Terminal 20-16 AWG	Datasheet	Details	Search
177898-1	9	3.96mm Power Double Lock Plug Natural Color 2 Circuits	Datasheet	Details	Search
177899-1	9	3.96mm Power Double Lock Plug Natural Color 3 Circuits	Datasheet	Details	Search
177900-1	6	3.96mm Power Double Lock Plug Natural Color 4 Circuits, Dual...	Datasheet	Details	Search
177901-1	3	3.96mm Power Double Lock Plug Natural Color 6 Circuits, Dual...	Datasheet	Details	Search
179838-1	3	3.96mm Power Double Lock Vertical Header Natural Color 2 Cir...	Datasheet	Details	Search
179839-1	3	3.96mm Power Double Lock Vertical Header Natural Color 3 Cir...	Datasheet	Details	Search
179840-1	2	3.96mm Power Double Lock Vertical Header Natural Color 4 Cir...	Datasheet	Details	Search
179841-1	1	3.96mm Power Double Lock Vertical Header Natural Color 6 Cir...	Datasheet	Details	Search
179593-1-C	100	Power Double Lock Female Terminal 20-16 AWG	Datasheet	Details	Search
177918-1	21	Double Lock Plate for Connectors of Multiples of 2 Circuits	Datasheet	Details	Search
177919-1	15	Double Lock Plate for Connectors of Multiples of 3 Circuits	Datasheet	Details	Search
177906-1	3	3.96mm Power Double Lock Receptacle Natural Color 2 Circuits	Datasheet	Details	Search
177907-1	3	3.96mm Power Double Lock Receptacle Natural Color 3 Circuits	Datasheet	Details	Search
177908-1	2	3.96mm Power Double Lock Receptacle Natural Color 4 Circuits...	Datasheet	Details	Search
177909-1	1	3.96mm Power Double Lock Receptacle Natural Color 6 Circuits...	Datasheet	Details	Search
179463-1	3	3.96mm Power Double Lock Receptacle Natural Color 2 Circuits...	Datasheet	Details	Search
179464-1	3	3.96mm Power Double Lock Receptacle Natural Color 3 Circuits...	Datasheet	Details	Search
179465-1	2	3.96mm Power Double Lock Receptacle Natural Color 4 Circuits...	Datasheet	Details	Search
179466-1	1	3.96mm Power Double Lock Receptacle Natural Color 6 Circuits...	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
91569-1	No





Authorized Distributor

Wire-to-Wire and Wire-to-Board Category

Kit Part No. **2110837-4**

BILL OF MATERIALS

TE Part No. Qty Bill of Materials Description


211083-1	3	1	3 Wire-to-Wire Double Lock Rosemount Natural Color 2 Circuit
211083-1	3	2	3 Wire-to-Wire Double Lock Rosemount Natural Color 3 Circuit
211083-1	3	3	3 Wire-to-Wire Double Lock Rosemount Natural Color 4 Circuit, Double Row
211083-1	3	4	3 Wire-to-Wire Double Lock Rosemount Natural Color 4 Circuit, Double Row
211083-1	3	5	3 Wire-to-Wire Double Lock Rosemount Natural Color 2 Circuit, Free Hanging
211083-1	3	6	3 Wire-to-Wire Double Lock Rosemount Natural Color 3 Circuit, Free Hanging
211083-1	3	7	3 Wire-to-Wire Double Lock Rosemount Natural Color 4 Circuit
211083-1	3	8	3 Wire-to-Wire Double Lock Rosemount Natural Color 4 Circuit
211083-1	3	9	3 Wire-to-Wire Double Lock Rosemount Natural Color 4 Circuit
211083-1	3	10	3 Wire-to-Wire Double Lock Rosemount Natural Color 4 Circuit, Free Hanging, Double Row
211083-1	3	11	3 Wire-to-Wire Double Lock Rosemount Natural Color 4 Circuit, Free Hanging, Double Row
211083-1	3	12	3 Wire-to-Wire Double Lock Rosemount Natural Color 4 Circuit, Double Row
211083-1	3	13	3 Wire-to-Wire Double Lock Rosemount Natural Color 4 Circuit, Double Row
211083-1	3	14	3 Wire-to-Wire Double Lock Rosemount Natural Color 4 Circuit, Double Row
211083-1	3	15	3 Wire-to-Wire Double Lock Rosemount Natural Color 4 Circuit, Double Row
211083-1	3	16	3 Wire-to-Wire Double Lock Rosemount Natural Color 4 Circuit, Double Row
211083-1	3	17	3 Wire-to-Wire Double Lock Rosemount Natural Color 4 Circuit, Double Row
211083-1	3	18	3 Wire-to-Wire Double Lock Rosemount Natural Color 4 Circuit, Double Row
211083-1	3	19	3 Wire-to-Wire Double Lock Rosemount Natural Color 4 Circuit, Double Row
211083-1	3	20	3 Wire-to-Wire Double Lock Rosemount Natural Color 4 Circuit, Double Row

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24

Bin Diagram
This edge is height

Amount of Parts Exceeds Bin Size

NOTE: Reciprocal Kits. Total: 211083-1 (Kit included)
Authorized kits available at www.productkits.com or contact a TE Connectivity authorized distributor



Wire-to-Wire and Wire-to-Board Category

TE connectivity Authorized Distributor

Kit Part No. **2110837-4**

AMP Power Double Lock Connector Kit

Deluxe Vertical Header, Plug, Receptacle and Double Lock Plate

- 3.96mm Pitches
- 2, 3, 4 and 6 Circuits
- Male and Female Crimp Terminals: 20-16 AWG
- 14 Amps (Max.), 300 Volts
- Flammability Rating: UL 94V-0


† Depends on BNC

Additional kits available at: www.productkits.com

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DANGER: Failure to follow all instructions in Application Specification 314-5175 (available at www.te.com/documents), including using only approved TE tooling (if applicable), can result in improper installation and/or crimping which is dangerous and may cause or contribute to electrical fires. Should be used only by individuals with proper training and experience.

240
pieces



0 10157 16533 8

Product from TE Connectivity.
Kits designed and assembled
by Waldom Electronics.

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