

MEGA Electronics C13 and C19 Locking Series



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MEGA
ELECTRONICS INC.

Powering Your Products

Locking Series Overview

MEGA Electronics is proud to present a new Locking Connector Series to our lineup. These unique connectors will stay connected up to about 200 newtons of force. They are designed for use anywhere that shock or vibration can result in accidental disconnect.

The main advantage of using MEGA's Locking Series over other options on the market is the adaptability of our products. Other products on the market require you to buy both the connector and a unique inlet or to implement a retaining bracket. MEGA's products will plug into any C14 or C20 receptacle that meets EN standards and can result in significant savings of labor and materials by eliminating the use of a bracket or additional hardware.



C13 Series

Rated 15A North America/Japan and 10A Export

Stock Item



Straight C13 with thumb release. Works for most applications.

Stock Item



Straight C13 with release bracket over the strain relief. This is perfect for ganged inlets or where there is limited space making it difficult to access.

Stock Item

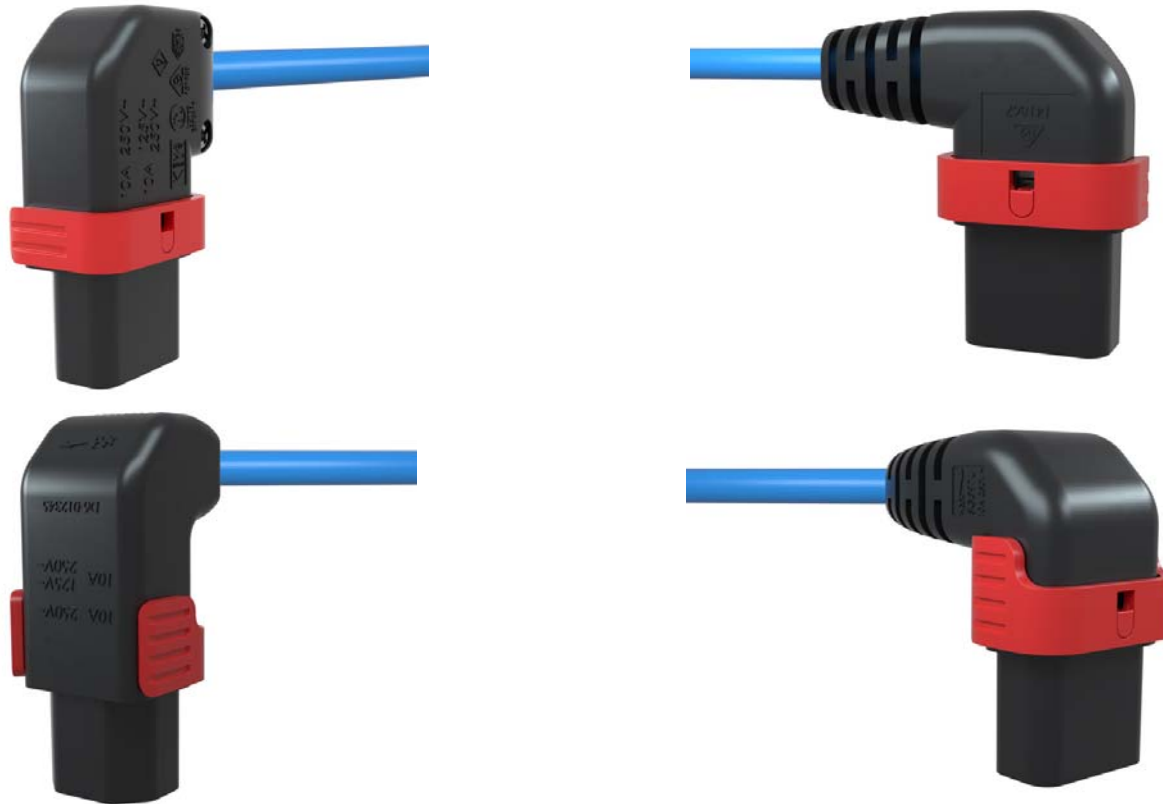


Hand assembled C13. Handles up to a 14AWG cable. Rear release.

Ideal for medical, military, mobile broadcasting, ship board or anywhere shock or vibration prevalent

C13 Series

Now offering all angles; Right, Left, Up, and Down



Remove the extra hardware



There is no need for additional hardware saving labor and material costs.

C19 Series

Rated 20A North America and 16A Export



Ideal for servers, larger data equipment, or any equipment over 15A domestically, 10A export

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Powering Your Products

Most Common Power Cords with Locking C13 and C19 Connectors

Cords carry the requisite approval for each destination below.



Locking C13 Power cords		
Used in	Part Number	Description
N. America	17251-L6	N5/15-SVT3x18-C13LOCK/1.8m
N. America	17500-L6	N5/15-SJT3X18-C13LOCK/1.8m
Hospital Grade	458-M101L	N5/15 Hospital Grade-SJT 3X18-C13LOCK/3.1m
Cont'l Europe	199-L2	CEE7/VII-H05VVF3G1.0-C13LOCK/2m
Cont'l Europe	199-L2.5	CEE7/VII-H05VVF3G1.0-C13LOCK/2.5m
UK	209-L2	BS1363/13A-H05VVF3G1.0-C13LOCK/2m
UK	209-L2.5	BS1363/13A-H05VVF3G1.0-C13LOCK/2.5m
Argentina	197-L2.5	IRAM 2073-H05VVF3G1.0-C13LOCK/2.5m
Australia	198-L2.5	3112-1993-H05VVF3G1.0-C13LOCK/2.5m
Brazil	450-L2.5	NBR 14136-H05VVF3G1.0-C13LOCK/2.5m
China	196-L2.5	GB2099-RVV3X1.0-C13LOCK/2.5m
Denmark	310-L2.5	107-2-H05VVF3G1.0-C13LOCK/2.5m
India	455-L2.5	IS1293-H05VVF3G1.0-C13LOCK/2.5m
Israel	457-L2.5	SI32-H05VVF3G1.0-C13LOCK/2.5m
Italy	364-L2.5	CEI23-H05VVF3G1.0-C13LOCK/2.5m
Japan	002-L2.5	JIS 8303-N5/15-VCTF3X1.25-C13LOCK/2.5m
Swiss	210-L2.5	1011-H05VVF3G1.0-C13LOCK/2.5m
Jumper Cord	365-L6	C14-SJT3x18-C13LOCK/1.8m
Lock Plus C13 Power cords		
N. America	458-M103PL	N5/15 Hospital Grade-SJT3X18-C13LOCK+/3.1m
Cont'l Europe	199-3PL	CEE7/VII-H05VVF3G1.0-C13LOCK+/3m
UK	209-3PL	BS1363-H05VVF3G1.0-C13LOCK+/3m
Argentina	197-LP3	IRAM 2073-H05VVF3G1.0-C13LOCK+/3m
Australia	198-LP3	3112-1993-H05VVF3G1.0-C13LOCK+/3m
Brazil	450-LP3	NBR 14136-H05VVF3G1.0-C13LOCK+/3m
China	196-LP3	GB2099-RVV3X1.0-C13LOCK+/3m
Denmark	310-LP3	107-2-H05VVF3G1.0-C13LOCK+/3m
India	455-LP3	IS1293-H05VVF3G1.0-C13LOCK+/3m
Israel	457-LP3	SI32-H05VVF3G1.0-C13LOCK+/3m
Italy	364-LP3	CEI23-H05VVF3G1.0-C13LOCK+/3m
Japan	002-LP3	JIS 8303-N5/15-VCTF3X1.25-C13LOCK+/3m
Korea	195-LP3	KSC8305-H05VVF3G1.0-C13LOCK+/3m
S. Africa	456-LP3	SABS-H05VVF3G1.0-C13LOCK+/3m
Swiss	210-LP3	1011-H05VVF3G1.0-C13LOCK+/3m
Jumper Cord	365-LP3	C14-SJT3x18-C13LOCK+/3m
Locking C19 Power cords		
N. America	458-00-2L	N5/15-SJT3x14-C19LOCK/2m
Hospital Grade	458-M167L	N5/15 Hospital Grade-SJT 3X14-C19LOCK/3.1m
Cont'l Europe	199-30-L3.0	CEE7/VII-H05VVF3G1.5-C19LOCK/3m
UK	209-26-L3	BS1363-H05VVF3G1.5-C19LOCK/3m
Argentina	197-LC19-3	IRAM 2073-H05VVF3G1.5-C19LOCK/3m
Australia	198-31-L3	3112-1993-H05RRF3G1.5-C19LOCK/3m
Brazil	450-LC19-3	NBR 14136-H05VVF3G1.5-C19LOCK/3m
China	196-LC19-3	GB2099-RVV3X1.5-C19LOCK/3m
India	455-LC19-3	IS1293-H05VVF3G1.5-C19LOCK/3m
Israel	457-LC19-3	SI32-H05RRF3G1.0-C19LOCK/2.3m
Italy	364-08-L3	CEI23-H05RRF3G1.5-C19LOCK/3m
Japan	002-LC19-3	JIS 8303-N5/15-VCTF3X2.0-C19LOCK/3m
S. Africa	456-LX2.5	SABS-H05VVF3G2.5-C19LOCK/2.5m
Swiss	210-LC19-3	1011-H05VVF3G1.5-C19LOCK/3m
Jumper	365-LC19-3	C20-H05VVF3G1.5mm-C19LOCK/3m



North America
10A/125V
Export Markets
10A/250V



Ideal for hard to reach areas



North America
20A/125V-250V
Export Markets
16A/250V

Overview of most common stock items/lengths.

See that parts are available for any global destination.

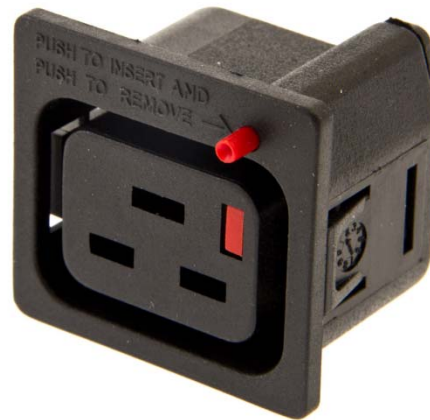
Custom lengths available upon request

Locking Outlet Series

Available for 1.0 and 1.5mm panel thicknesses



C13
Mates with C14 plug



C19
Mates with C20 plug



Designed to take power out of a device. Ideal for racks in data centers.

Ganged Locking Outlets



**THE ORIGINAL & PATENTED
SPACE SAVING C13 OUTLETS**

MULTI-TIER IEC LOCK

- Each outlet has an independent release locking mechanism.
- The locking mechanism protects against accidental disconnection and maintains uptime
- The button to operate the mechanism is located to the side for easy access
- Nylon LSZH (Low Smoke Zero Halogen)

SPACE SAVING • NYLON LSZH • EASY INSTALLATION

4 and 6 position
1.0mm and 1.5mm
Panel Thickness

Perfect for PDUs

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Additional information available

CASE STUDY

Innovative Locking Connector aids French Military





The IEC Lock has been taken on board by the French Military to provide a secure locking mechanism for electrical equipment used in vital navy and aerospace operations.

The French Navy has commissioned the IEC Lock for use on the Monge test and measurement ship, for the connection of time-frequency systems which are used for satellite and target tracking as well as the testing of ballistic missiles. The product is also in use on board French submarines for synchronization of telemetry between the ground and submarines during the measurement of radiated noise. In addition, the IEC Lock is included in the ground telemetry system of the Ariane 5 launcher, which allows the follow up of the launch vehicle around the Earth.

MEGA's Global Sales Manager, Manfred Schwarzwinger comments, "The IEC Lock provides a very simple means of securing a power lead

to any electrical appliance that uses an IEC type mains lead. The locking mechanism of the IEC Lock's unique patented female C13 connector is beautifully straightforward. The lead is simply connected to the appliance as any other IEC lead. Once it has been fitted, the IEC-Lock mechanism locks it to the appliance, ensuring that the lead cannot be accidentally pulled or vibrated out of the inlet."

As well as providing a secure locking device for equipment vulnerable to vibration, the IEC Lock was also chosen for its ease of installation and it replaces the time-consuming metal clips that had previously been used. The IEC-Lock provides ideal protection for a variety of other applications, from data communications and medical environments, through to use with electrical equipment in gyms and health clubs as well as broadcasting, lighting and entertainment.

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Guards against accidental disconnection of Computers, PDU's, Servers and most Network Devices.

IEC-LOCK™

Unique patented lockable female C13 & C19 IEC connectors and outlets





Suitable for use with 'ANY STANDARD' C14 or C20 inlet

- Protects appliances that are vulnerable to vibration
- Connector cannot be accidentally pulled or vibrated out of the inlet

Data Centers






Outside Broadcasting Medical Military Maritime



Connectors and outlets can be used with standard IEC plugs and inlets.

For extra protection, use both to ensure against accidental removal of power cables connected to PDU's, Servers, Network devices etc.



Thank You For Your Interest In MEGA's Locking Series
For additional information:

You can contact MEGA Electronics by:

Emailing MEGA at sales@megaelectronics.com

Calling our office in New Jersey at 732-249-2656

Or by visiting our website: [Click Here](#)



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MEGA
ELECTRONICS INC.

Powering Your Products

MEGA Electronics Inc.

AC/DC Power Supplies



Power Supplies & Cords

- Wall Adapters with Interchangeable Plug Option to 40W
- Desk Top to 300W
- Open Frame with PFC to 800W
- DIN Rails to 960W
- Medical Approvals 4th Edition

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Power Cords



Powercords and Related Components

Quality service and quality products. Produced in ISO9000 facilities, our UL listed and internationally approved powercords and related components all conform to the highest standards.

Upon your next requirement, please keep MEGA in mind.

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DC/DC Converters



DC/DC-AC/DC Converters

- Rated up to 100 Watts
- UL, cUL Recognized, CE Approved
- Isolations to 10KV for Medical Applications
- ROHS Compliant
- Short Lead Times
- High MTBF Rates
- Continuous Short Circuit Protected
- Website with Product Locator

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