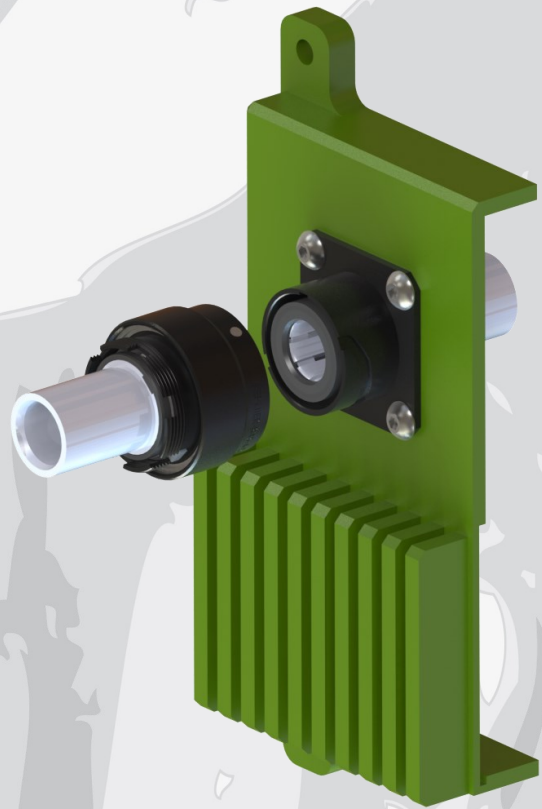




POW Serie

Power Connector

POW



Catalog 



◆ **Description**

Bernier designed the POW connectors specially for equipments asking high current supply in harsh environments.

◆ **Applications**



Vehicules



Radar systems

Push-Pull or Bayonet

Ergonomics

Stainless steel

EMI RFI Protection

Multi-Contacts

Wateright



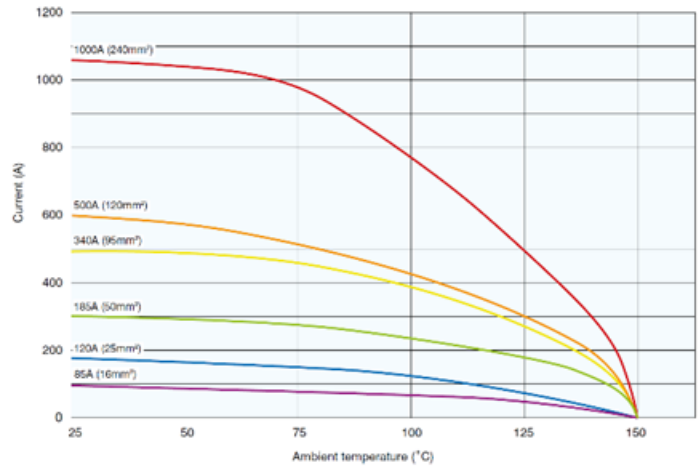
**Optronic
Devices**



Weapon systems

◆ Contact Technology

The patented contact line UltraPowerLink® used in POW connectors presents Mechanical and Electrical characteristics allowing the power supply of equipments working under severe conditions and with many connections. The UltraPowerLink® line was developed to optimize electrical contact. With a contact surface equivalent to the cable cross section and a low connexion effort, UltraPowerLink® is the best solution to bring together toughness and high current rating use.



Tested in 1 pole POW connector (De-rating)

Contact size	Insertion force (N)	Contact resistance (mOhm)	Max Current rating (A) (@ Ambient temperature +50°C)
1	50	0.16	100
2	70	0.07	500
3	130	0.05	1000

UltraPowerLink® characteristics allow system performance improvement integrating also the IP2X «Finger protection» for user. It opens to the POW connectors many possible applications and environments.

◆ Current rating

UltraPowerLink® contacts and POW connectors can be used in systems using power supplies from 100A to 1000A following configuration.

◆ Connector technology

The metallic and watertight shells complete to bring the necessary toughness for the required reliability.

◆ Development

POW connectors are appreciated for their flexibility to fit customer specifications.

Our Design team is able to propose versions answering to your needs. Reinforcements can be applied in case of use in harder climatic, ergonomic and electromagnetic conditions.

Caps and backshells can also be improved to bring a better ergonomics on your configuration.

CMA Serie
Push-Pull / Quick-Releaseable Connector

... For an optimum data transfer in harsh environments !

Catalog

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CMASD Serie
Push-Pull Connector

... Toughness and reliable high speed data transfer in small dimensions !

Catalog

Revised 10-JUNE 2016
www.bernier.tm.fr

CMALD Serie
Push-Pull and Quick-Releaseable Connector

... Toughness and Ergonomics allied with a high contact density configuration !

Catalog

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MMC Serie
Compact Quick-Releaseable Connector

... for a robust and ergonomic high-speed data connection !

Catalog

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PAM Serie
Bayonet Connector

... the good connection for your tactical equipments !

Catalog

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55116 Serie
Bayonet Connector

... The Crypto and Audio communication standard !

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221 Serie
Quick-Releaseable Connector

... Easy use and communication reliability in operation !

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POW Serie
Power Connector

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360L6 Serie
Avionic Connector

... the best connection for On Board communications !

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B600 Serie
Quick-Releaseable Connector

... Secure connection for light vehicles !

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JCC Serie
Jack Connector

... For a basic but secured connection on communication equipments !

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U Serie
Audio Connector

... The Toughest solution for audio applications !

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CCF700 Serie
Coaxial connector

... the suitable connector for cockpit equipments !

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MH Serie
Hexagonal Connector

... suitable for command signals !

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