

## C146 SERIES

**Heavy Duty Amphenol Multi-Pole Power Connectors THERMOPLASTIC 3P + E**  
**1 Lever, 10 Amp 400V**

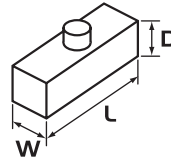
### APPLICATIONS:

- Lighting & Entertainment** For multiple control connections on stages and movie sets.
- Medical Industry** Suitable for medical devices and test equipment with a threaded collar to prevent accidental uncoupling.
- Industrial Connectors** Suitable for use on industrial machines and controls, data processing and instrumentation.

### PRODUCT FEATURES:

- ▶ Heavy duty thermoplastic body & base
- ▶ One lever (steel) locking mechanism to avoid disconnection
- ▶ IP65 when mated / IP53 for spring loaded hoods

Sizes in mm



### CONSTRUCTION:

- Body & Base** Thermoplastic.
- Insert** Thermoplastic with silver plated contacts 3 Pole + Earth 10A 400V.
- Screw Terminal** 0.25 – 2.5mm<sup>2</sup>.
- Lever** Single mild steel.

### CHARACTERISTICS:

- Operating Temperature Range** -40°C to +100°C.
- Protection Class** IP65 when mated / IP53 for spring loaded hoods.
- Relevant Standards** DIN VDE 0110, IEC60664, IEC 60529, UL-E63093, CSA-48932.



**C146 10A 003 0024**  
 Male Insert Screw Terminal  
**W 21 L 21 D 39**



**C146 10B 003 0024**  
 Female Insert Screw Terminal  
**W 21 L 21 D 39**



**C146 VN16 110 0004**  
 Trumpet Strain Relief, PG11  
 Cable < 10.5mm



**C146 VN16 110 0014**  
 Gland Bush C/W Seal PG11,  
 Plastic  
 Cable 7.0 – 12.5mm



**C146 10G 003 6004**  
 Top Entry Hood PG11,  
 2 Stud, Plastic  
**W 27 L 34 D 50**



**C146 10G 003 8044**  
 Cable Mount Base PG11,  
 1 Lever, Plastic  
**W 27 L 37 D 50**



**C146 10F 003 0004**  
 Surface Mount Base Straight  
 Open 1 Lever, Plastic  
**W 28 L 40 D 22**



**C146 10F 003 0044**  
 Surface Mount Base Angled,  
 Open 1 Lever, Plastic  
**W 41 L 40 D 26**

Other non C146 series accessories available:



**GPG11SUP**  
 Nylon Gland PG11 C/W Pigtail Support  
 (Cable 4.0 – 10.0mm)



**GPG11**  
 Nylon Gland PG11  
 (Cable 4.0 – 10.0mm)

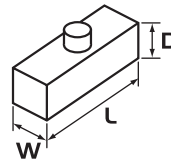
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# AMPHENOL PLUGS & CONNECTORS

## C146 SERIES

**Heavy Duty Amphenol Multi-Pole Power Connectors ALUMINIUM 3P + E**  
**1 Lever, 10 Amp 400V**

Sizes in mm



### APPLICATIONS:

**Lighting & Entertainment** For multiple control connections on stages and movie sets.

**Medical Industry** Suitable for medical devices and test equipment with a threaded collar to prevent accidental uncoupling.

**Industrial Connectors** Suitable for use on industrial machines and controls, data processing and instrumentation.

### PRODUCT FEATURES:

- ▶ Heavy duty alloy body & base
- ▶ One lever (steel) locking mechanism to avoid disconnection
- ▶ IP65 when mated / IP53 for spring loaded hoods.

### CONSTRUCTION:

**Body & Base** Aluminium die cast alloy.

**Insert** Thermoplastic with silver plated contacts 3 Pole + Earth 10A 400V.

**Screw Terminal** 0.25 – 2.5mm<sup>2</sup>.

**Lever** Single mild steel.

### CHARACTERISTICS:

**Operating Temperature Range** -40°C to +100°C.

**Protection Class** IP65 when mated / IP53 for spring loaded hoods.

**Relevant Standards** DIN VDE 0110, IEC 60664, IEC 60529, UL-E63093, CSA-48932.



**C146 10A 003 0024**  
 Male Insert Screw Terminal  
**W 21 L 21 D 39**



**C146 10B 003 0024**  
 Female Insert Screw Terminal  
**W 21 L 21 D 39**



**C146 VN16 110 0004**  
 Trumpet Strain Relief, PG11  
 Cable < 10.5mm



**C146 VN16 110 0014**  
 Gland Bush C/W Seal PG11,  
 Plastic  
 Cable 7.0 – 12.5mm



**C146 30G 003 6004**  
 Top Entry Hood PG11,  
 2 Stud, Metal  
**W 27 L 34 D 50**



**C146 30G 003 8044**  
 Cable Mount Base PG11,  
 1 Lever, Metal  
**W 27 L 37 D 50**



**C146 30F 003 0004**  
 Surface Mount Base Straight  
 Open 1 Lever, Metal  
**W 28 L 40 D 22**

Other non C146 series accessories available:



**GPG11SUP**  
 Nylon Gland PG11 C/W Pigtail Support  
 (Cable 4.0 – 10.0mm)



**GPG11**  
 Nylon Gland PG11  
 (Cable 4.0 – 10.0mm)

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## C146 SERIES

**Heavy Duty Amphenol Multi-Pole Power Connectors THERMOPLASTIC 4P + E**  
**1 Lever, 10 Amp 400V**

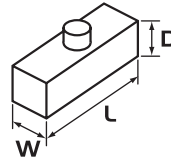
### APPLICATIONS:

- Lighting & Entertainment** For multiple control connections on stages and movie sets.
- Medical Industry** Suitable for medical devices and test equipment with a threaded collar to prevent accidental uncoupling.
- Industrial Connectors** Suitable for use on industrial machines and controls, data processing and instrumentation.

### PRODUCT FEATURES:

- ▶ Heavy duty thermoplastic body & base
- ▶ One lever (steel) locking mechanism to avoid disconnection
- ▶ IP65 when mated / IP53 for spring loaded hoods.

Sizes in mm



### CONSTRUCTION:

- Body & Base** Thermoplastic.
- Insert** Thermoplastic with silver plated contacts 4 Pole + Earth 10A 400V.
- Screw Terminal** 0.25 – 2.5mm<sup>2</sup>.
- Lever** Single mild steel.

### CHARACTERISTICS:

- Operating Temperature Range** -40°C to +100°C.
- Protection Class** IP65 when mated / IP53 for spring loaded hoods.
- Relevant Standards** DIN VDE 0110, IEC60664, IEC 60529, UL-E63093, CSA-48932.



**C146 10A 004 0024**  
 Male Insert Screw Terminal  
**W 21 L 21 D 39**



**C146 10B 004 0024**  
 Female Insert Screw Terminal  
**W 21 L 21 D 39**



**C146 VN16 110 0004**  
 Trumpet Strain Relief, PG11  
 Cable < 10.5mm



**C146 VN16 110 0014**  
 Gland Bush C/W Seal PG11,  
 Plastic  
 Cable 7.0 – 12.5mm



**C146 10G 003 6004**  
 Top Entry Hood PG11,  
 2 Stud, Plastic  
**W 27 L 34 D 50**



**C146 10G 003 8044**  
 Cable Mount Base PG11,  
 1 Lever, Plastic  
**W 27 L 37 D 50**



**C146 10F 003 0004**  
 Surface Mount Base Straight  
 Open 1 Lever, Plastic  
**W 28 L 40 D 22**



**C146 10F 003 0044**  
 Surface Mount Base Angled,  
 Open 1 Lever, Plastic  
**W 41 L 40 D 26**

Other non C146 series accessories available:



**GPG11SUP**  
 Nylon Gland PG11 C/W Pigtail Support  
 (Cable 4.0 – 10.0mm)



**GPG11**  
 Nylon Gland PG11  
 (Cable 4.0 – 10.0mm)

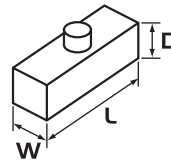
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# AMPHENOL PLUGS & CONNECTORS

## C146 SERIES

**Heavy Duty Amphenol Multi-Pole Power Connectors ALUMINIUM 4P + E**  
**1 Lever, 10 Amp 400V**

Sizes in mm



### APPLICATIONS:

**Lighting & Entertainment** For multiple control connections on stages and movie sets.

**Medical Industry** Suitable for medical devices and test equipment with a threaded collar to prevent accidental uncoupling.

**Industrial Connectors** Suitable for use on industrial machines and controls, data processing and instrumentation.

### PRODUCT FEATURES:

- ▶ Heavy duty alloy body & base
- ▶ One lever (steel) locking mechanism to avoid disconnection
- ▶ IP65 when mated / IP53 for spring loaded hoods

### CONSTRUCTION:

**Body & Base** Aluminium die cast alloy.

**Insert** Thermoplastic with silver plated contacts 4 Pole + Earth 10A 400V.

**Screw Terminal** 0.25 – 2.5mm<sup>2</sup>.

**Lever** Single mild steel.

### CHARACTERISTICS:

**Operating Temperature Range** -40°C to +100°C.

**Protection Class** IP65 when mated / IP53 for spring loaded hoods.

**Relevant Standards** DIN VDE 0110, IEC 60664, IEC 60529, UL-E63093, CSA-48932.



**C146 10A 003 0024**  
 Male Insert Screw Terminal  
**W 21 L 21 D 39**



**C146 10B 003 0024**  
 Female Insert Screw Terminal  
**W 21 L 21 D 39**



**C146 VN16 110 0004**  
 Trumpet Strain Relief, PG11  
 Cable < 10.5mm



**C146 VN16 110 0014**  
 Gland Bush C/W Seal PG11,  
 Plastic  
 Cable 7.0 – 12.5mm



**C146 30G 003 6004**  
 Top Entry Hood PG11,  
 2 Stud, Metal  
**W 27 L 34 D 50**



**C146 30G 003 8044**  
 Cable Mount Base PG11,  
 1 Lever, Metal  
**W 27 L 37 D 50**



**C146 30F 003 0004**  
 Surface Mount Base Straight  
 Open 1 Lever, Metal  
**W 28 L 40 D 22**

Other non C146 series accessories available:



**GPG11SUP**  
 Nylon Gland PG11 C/W Pigtail Support  
 (Cable 4.0 – 10.0mm)



**GPG11**  
 Nylon Gland PG11  
 (Cable 4.0 – 10.0mm)

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## CI46 SERIES

**Heavy Duty Amphenol Multi-Pole Power Connectors ALUMINIUM 6P + E**  
**1 Lever, 16 Amp 400V**

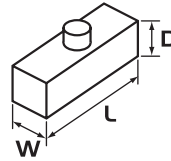
### APPLICATIONS:

- Lighting & Entertainment** For multiple control connections on stages and movie sets.
- Medical Industry** Suitable for medical devices and test equipment with a threaded collar to prevent accidental uncoupling.
- Industrial Connectors** Suitable for use on industrial machines and controls, data processing and instrumentation.

### PRODUCT FEATURES:

- ▶ Heavy duty alloy body & base
- ▶ One lever (steel) locking mechanism to avoid disconnection
- ▶ IP65 when mated / IP53 for spring loaded hoods

Sizes in mm



### CONSTRUCTION:

- Body & Base** Aluminium die cast alloy.
- Insert** Thermoplastic with wire protection & silver plated contacts
- 6 Pole + Earth** 16A 400V.
- Screw Terminal** 0.5 – 6.0mm<sup>2</sup>.
- Lever** Single mild steel.

### CHARACTERISTICS:

- Operating Temperature Range** -40°C to +125°C.
- Protection Class** IP65 when mated / IP53 for spring loaded hoods.
- Relevant Standards** DIN VDE 0110, IEC 60664, IEC 60529, UL-E63093, CSA-48932.



**C146 10A 006 1021**  
Male Insert Screw Terminal  
**W 27 L 44 D 31**



**C146 10B 006 1021**  
Female Insert Screw Terminal  
**W 27 L 44 D 32**



**C146 VN16 135 0002**  
Trumpet Strain Relief, PG13.5 (Cable < 14.0mm)  
**C146 VN16 160 0002**  
Trumpet Strain Relief, PG16 (Cable < 16.0mm)



**C146 VN16 135 0014**  
Gland Bush C/W Seal, PG13.5 (Cable 7.0 – 15.0mm)  
**C146 VN16 160 0014**  
Gland Bush C/W Seal, PG16 (Cable 8.0 – 16.0mm)



**C146 10G 006 5001**  
Side Entry Hood PG13.5, 2 Stud **W 43 L 50 D 61**  
**C146 10G 006 5011**  
Side Entry Hood PG16, 2 Stud **W 43 L 50 D 61**



**C146 10G 006 6001**  
Top Entry Hood PG13.5, 2 Stud **W 43 L 50 D 61**  
**C146 10G 006 6011**  
Top Entry Hood PG16, 2 Stud **W 43 L 50 D 61**



**C146 10G 006 8041**  
Cable Mount Base PG13.5, 1 Lever **W 43 L 50 D 62**  
**C146 10G 006 8051**  
Cable Mount Base PG16, 1 Lever **W 43 L 50 D 62**



**C146 10F 006 0001**  
Surface Mount Base, Open, 1 Lever  
**W 43 L 80 D 29**



**C146 10F 006 0031**  
Surface Mount Base Enclosed Open, 1 Lever, C/W Dust Cover  
**W 43 L 80 D 29**



**C146 10F 006 5001**  
Surface Mount Base Enclosed, 1 Lever, 1 x PG16 Side Entry  
**W 54 L 84 D 54**



**C146 10F 006 8061**  
Surface Mount Base Enclosed, 1 Lever, 1 x PG16 Side Entry, C/W Dust Cover  
**W 54 L 84 D 54**

Other non C146 series accessories available:



**GPG13.5SUP**  
Nylon Gland PG13.5 C/W Pigtail Support (Cable 5.0 – 12.5mm)  
**GPG16SUP**  
Nylon Gland PG16 C/W Pigtail Support (Cable 6.0 – 14.0mm)



**GPG21**  
Nylon Gland PG21 (Cable 10.0 – 17.5mm)  
**GPG29**  
Nylon Gland PG29 (Cable 16.0 – 24.0mm)

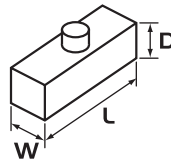
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# AMPHENOL PLUGS & CONNECTORS

## CI46 SERIES

**Heavy Duty Amphenol Multi-Pole Power Connectors ALUMINIUM 6P + E**  
**1 Lever, 42 Amp 400V**

Sizes in mm



### APPLICATIONS:

**Lighting & Entertainment** For multiple control connections on stages and movie sets.

**Medical Industry** Suitable for medical devices and test equipment with a threaded collar to prevent accidental uncoupling.

**Industrial Connectors** Suitable for use on industrial machines and controls, data processing and instrumentation.

### PRODUCT FEATURES:

- ▶ Heavy duty alloy body & base
- ▶ One lever (steel) locking mechanism to avoid disconnection
- ▶ IP65 when mated / IP53 for spring loaded hoods

### CONSTRUCTION:

**Body & Base** Aluminium die cast alloy.

**Insert** Thermoplastic with wire protection & silver plated contacts  
 6 Pole + Earth 42A 400V.

**Screw Terminal** 0.5 – 6.0mm<sup>2</sup>.

**Lever** Single mild steel.

### CHARACTERISTICS:

**Operating Temperature Range** -40°C to +125°C.

**Protection Class** IP65 when mated / IP53 for spring loaded hoods.

**Relevant Standards** DIN VDE 0110, IEC 60664, IEC 60529, UL-E63093, CSA-48932.



**C146 10A 006 1025**

Male Insert Screw Terminal  
**W 34 L 85 D 34**



**C146 10B 006 1025**

Female Insert Screw Terminal  
**W 34 L 85 D 34**



**C146 VN16 210 0002**

Trumpet Strain Relief, PG21 (Cable < 21.0mm)

**C146 VN16 290 0002**

Trumpet Strain Relief, PG29 (Cable < 30.0mm)



**C146 VN16 210 0014**

Gland Bush C/W Seal, PG21 (Cable 11.0 – 22.0mm)

**C146 VN16 290 0014**

Gland Bush C/W Seal, PG29 (Cable 19.0 – 31.0mm)



**C146 10G 016 6061**

Top Entry Hood, PG21, 2 Stud **W 43 L 94 D 62**

**C146 10G 016 6071**

Top Entry Hood, PG29, 2 Stud **W 43 L 94 D 62**



**C146 10G 016 5061**

Side Entry Hood, PG21, 2 Stud  
**W 43 L 94 D 62**



**C146 10G 016 8041**

Cable Mount Base, PG21, 1 Lever  
**W 43 L 94 D 62**



**C146 10F 016 0011**

Cable Mount Base Open, 1 Lever  
**W 43 L 113 D 29**



**C146 10F 016 0031**

Surface Mount Base Open, 1 Lever  
 C/W Dust Cover  
**W 43 L 113 D 29**



**C146 10F 016 8061**

Surface Mount Base Enclosed, 1 Lever,  
 1 x PG21 Side Entry, C/W Dust Cover  
**W 57 L 117 D 64**

Other non C146 series accessories available:



**GPG21SUP**

Nylon Gland PG21 C/W Pigtail Support  
 (Cable 10.0 – 17.5mm)



**GPG21**

Nylon Gland PG21 (Cable 10.0 – 17.5mm)

**GPG29**

Nylon Gland PG29 (Cable 16.0 – 24.0mm)

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## C146 SERIES

**Heavy Duty Amphenol Multi-Pole Power Connectors ALUMINIUM 6P + E**  
**2 Lever, 42 Amp 400V**

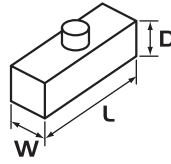
### APPLICATIONS:

- Lighting & Entertainment** For multiple control connections on stages and movie sets.
- Medical Industry** Suitable for medical devices and test equipment with a threaded collar to prevent accidental uncoupling.
- Industrial Connectors** Suitable for use on industrial machines and controls, data processing and instrumentation.

### PRODUCT FEATURES:

- ▶ Heavy duty alloy body & base
- ▶ Two lever (steel) locking mechanism to avoid disconnection
- ▶ IP65 when mated / IP53 for spring loaded hoods.

Sizes in mm



### CONSTRUCTION:

- Body & Base** Aluminium die cast alloy.
- Insert** Thermoplastic with wire protection & silver plated contacts
- 6 Pole + Earth** 42A 400V.
- Screw Terminal** 0.5 – 6.0mm<sup>2</sup>.
- Lever** Double mild steel.

### CHARACTERISTICS:

- Operating Temperature Range** -40°C to +125°C.
- Protection Class** IP65 when mated / IP53 for spring loaded hoods.
- Relevant Standards** DIN VDE 0110, IEC 60664, IEC 60529, UL-E63093, CSA-48932.



**C146 10A 006 1025**  
 Male Insert Screw Terminal  
**W 34 L 85 D 34**



**C146 10B 006 1025**  
 Female Insert Screw Terminal  
**W 34 L 85 D 34**



**C146 VN16 210 0002**  
 Trumpet Strain Relief, PG21 (Cable < 21.0mm)  
**C146 VN16 290 0002**  
 Trumpet Strain Relief, PG29 (Cable < 30.0mm)



**C146 VN16 210 0014**  
 Gland Bush C/W Seal, PG21 (Cable 11.0 – 22.0mm)  
**C146 VN16 290 0014**  
 Gland Bush C/W Seal, PG29 (Cable 19.0 – 31.0mm)



**C146 10Z 016 1001**  
 Protective Cover, 4 Stud  
**W 44 L 97 D 20**



**C146 10G 016 6001**  
 Top Entry Hood, PG21, 4 Stud **W 43 L 94 D 62**



**C146 10G 016 6011**  
 Top Entry Hood, PG29, 4 Stud **W 43 L 94 D 62**



**C146 10G 016 5001**  
 Side Entry Hood, PG21, 4 Stud  
**W 43 L 94 D 62**



**C146 10G 016 8021**  
 Cable Mount Base, PG21, 2 Lever **W 43 L 94 D 62**



**C146 10G 016 8038**  
 Cable Mount Base, PG29, 2 Lever **W 43 L 94 D 76**



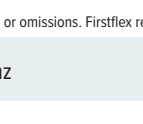
**C146 10G 016 6021**  
 Cable Mount Base, PG21, 2 Lever, No Gasket  
 (Suit C146 10F 016 0021)  
**W 43 L 94 D 62**



**C146 10F 016 0001**  
 Surface Mount Base, Open, 2 Lever  
**W 43 L 113 D 29**



**C146 10F 016 0021**  
 Surface Mount Base, Open, 4 Stud Only, No Levers  
 C/W Dust Cover (Suit C146 10G 016 6021)  
**W 43 L 113 D 29**



**C146 10F 016 5001**  
 Surface Mount Base, Enclosed, 2 Lever,  
 1 x PG21 Side Entry  
**W 57 L 117 D 64**

Other non C146 series accessories available:



**GPG21SUP**  
 Nylon Gland PG21 C/W Pigtail Support  
 (Cable 10.0 – 17.5mm)



**GPG21**  
 Nylon Gland PG21 (Cable 10.0 – 17.5mm)

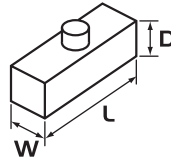
**GPG29**  
 Nylon Gland PG29 (Cable 16.0 – 24.0mm)

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## CI46 SERIES

**Heavy Duty Amphenol Multi-Pole Power Connectors ALUMINIUM 10P + E**  
**1 Lever, 16 Amp 400V**

Sizes in mm



### APPLICATIONS:

**Lighting & Entertainment** For multiple control connections on stages and movie sets.

**Medical Industry** Suitable for medical devices and test equipment with a threaded collar to prevent accidental uncoupling.

**Industrial Connectors** Suitable for use on industrial machines and controls, data processing and instrumentation.

### PRODUCT FEATURES:

- ▶ Heavy duty alloy body & base
- ▶ One lever (steel) locking mechanism to avoid disconnection
- ▶ IP65 when mated / IP53 for spring loaded hoods.

### CONSTRUCTION:

**Body & Base** Aluminium die cast alloy.

**Insert** Thermoplastic with wire protection & silver plated contacts  
 10 Pole + Earth 16A 400V.

**Screw Terminal** 0.5 – 6.0mm<sup>2</sup>.

**Lever** Single mild steel.

### CHARACTERISTICS:

**Operating Temperature Range** -40°C to +125°C.

**Protection Class** IP65 when mated / IP53 for spring loaded hoods.

**Relevant Standards** DIN VDE 0110, IEC 60664, IEC 60529, UL-E63093, CSA-48932.



**C146 10A 010 1021**

Male Insert Screw Terminal  
**W 27 L 57 D 31**



**C146 10B 010 1021**

Female Insert Screw Terminal  
**W 27 L 57 D 32**



**C146 VN16 160 0002**

Trumpet Strain Relief, PG16 (Cable < 16.0mm)

**C146 VN16 210 0002**

Trumpet Strain Relief, PG21 (Cable < 21.0mm)

**C146 VN16 290 0002**

Trumpet Strain Relief, PG29 (Cable < 30.0mm)



**C146 VN16 160 0014**

Gland Bush C/W Seal, PG16 (Cable 8.0 – 16.0mm)

**C146 VN16 210 0014**

Gland Bush C/W Seal, PG21 (Cable 11.0 – 22.0mm)

**C146 VN16 290 0014**

Gland Bush C/W Seal, PG29 (Cable 19.0 – 31.0mm)



**C146 10G 010 6061**

Top Entry Hood, PG16, 2 Stud **W 43 L 73 D 51**

**C146 10G 010 6071**

Top Entry Hood, PG21, 2 Stud **W 43 L 73 D 51**



**C146 10G 010 5061**

Side Entry Hood, PG16, 2 Stud **W 43 L 73 D 51**

**C146 10G 010 5068**

Side Entry Hood, PG21, 2 Stud **W 43 L 73 D 70**



**C146 10G 010 8048**

Cable Mount Base, PG21, 1 Lever  
**W 43 L 91 D 70**



**C146 10F 010 0011**

Surface Mount Base Open, 1 Lever  
**W 43 L 93 D 29**



**C146 10F 010 0031**

Surface Mount Base Open, 1 Lever,  
 C/W Dust Cover  
**W 43 L 93 D 29**



**C146 10F 010 8021**

Surface Mount Base Enclosed, 1 Lever  
 1 x PG16 Side Entry  
**W 54 L 94 D 57**



**C146 10F 010 8061**

Surface Mount Base Enclosed, 1 Lever,  
 1 x PG16 Side Entry, C/W Dust Cover  
**W 54 L 94 D 57**

Other non C146 series accessories available:



**GPG16SUP**

Nylon Gland PG16 C/W Pigtail Support (Cable 6.0 – 14.0mm)

**GPG21SUP**

Nylon Gland PG21 C/W Pigtail Support (Cable 10.0 – 17.5mm)



**GPG16** Nylon Gland PG16 (Cable 6.0 – 14.0mm)

**GPG21** Nylon Gland PG21 (Cable 10.0 – 17.5mm)

**GPG29** Nylon Gland PG29 (Cable 16.0 – 24.0mm)

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## C146 SERIES

**Heavy Duty Amphenol Multi-Pole Power Connectors ALUMINIUM 10P + E**  
**2 Lever, 16 Amp 400V**

### APPLICATIONS:

- Lighting & Entertainment** For multiple control connections on stages and movie sets.
- Medical Industry** Suitable for medical devices and test equipment with a threaded collar to prevent accidental uncoupling.
- Industrial Connectors** Suitable for use on industrial machines and controls, data processing and instrumentation.

### PRODUCT FEATURES:

- ▶ Heavy duty alloy body & base
- ▶ Two lever (steel) locking mechanism to avoid disconnection
- ▶ IP65 when mated / IP53 for spring loaded hoods



**C146 10A 010 1021**  
Male Insert Screw Terminal  
W 27 L 57 D 31



**C146 10B 010 1021**  
Female Insert Screw Terminal  
W 27 L 57 D 32



**C146 VN16 160 0002**  
Trumpet Strain Relief, PG16 (Cable < 16.0mm)  
**C146 VN16 210 0002**  
Trumpet Strain Relief, PG21 (Cable < 21.0mm)  
**C146 VN16 290 0002**  
Trumpet Strain Relief, PG29 (Cable < 30.0mm)

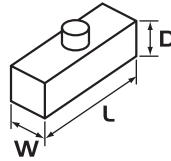


**C146 VN16 160 0014**  
Gland Bush C/W Seal, PG16 (Cable 8.0 – 16.0mm)  
**C146 VN16 210 0014**  
Gland Bush C/W Seal, PG21 (Cable 11.0 – 22.0mm)  
**C146 VN16 290 0014**  
Gland Bush C/W Seal, PG29 (Cable 19.0 – 31.0mm)



**C146 10Z 010 1001**  
Protective Cover, 4 Stud  
W 44 L 76 D 20

Sizes in mm



### CONSTRUCTION:

- Body & Base** Aluminium die cast alloy.
- Insert** Thermoplastic with wire protection & silver plated contacts
- 10 Pole + Earth** 16A 400V.
- Screw Terminal** 0.5 – 6.0mm<sup>2</sup>.
- Lever** Double mild steel.

### CHARACTERISTICS:

- Operating Temperature Range** -40°C to +125°C.
- Protection Class** IP65 when mated / IP53 for spring loaded hoods.
- Relevant Standards** DIN VDE 0110, IEC 60664, IEC 60529, UL-E63093, CSA-48932.



**C146 10G 010 6001**  
Top Entry Hood, PG16, 4 Stud W 43 L 73 D 51  
**C146 10G 010 6011**  
Top Entry Hood, PG21, 4 Stud W 43 L 73 D 51  
**C146 10G 010 6018**  
Top Entry Hood, PG29, 4 Stud W 43 L 73 D 70



**C146 10G 010 5001**  
Side Entry Hood, PG16, 4 Stud W 43 L 73 D 51  
**C146 10G 010 5011**  
Side Entry Hood, PG21, 4 Stud W 43 L 73 D 70



**C146 10G 010 8021**  
Cable Mount Base, PG16, 2 Lever W 43 L 73 D 51  
**C146 10G 010 8028**  
Cable Mount Base, PG21, 2 Lever W 43 L 73 D 70



**C146 10G 010 6021**  
Cable Mount Base, PG16, 2 Lever  
W 43 L 73 D 51



**C146 10F 010 0001**  
Surface Mount Base Open, 2 Lever  
W 43 L 93 D 29



**C146 10F 010 0021**  
Surface Mount Base Open, 4 Stud Only,  
C/W Dust Cover (Suit C146 10G 010 6021)  
W 43 L 93 D 29



**C146 10F 010 5001**  
Surface Mount Base Enclosed, 2 Lever,  
1 x PG16 Side Entry  
W 54 L 94 D 57

Other non C146 series accessories available:



**GPG16SUP**  
Nylon Gland PG16 C/W Pigtail Support (Cable 6.0 – 14.0mm)  
**GPG21SUP**  
Nylon Gland PG21 C/W Pigtail Support (Cable 10.0 – 17.5mm)



**GPG16** Nylon Gland PG16 (Cable 6.0 – 14.0mm)  
**GPG21** Nylon Gland PG21 (Cable 10.0 – 17.5mm)  
**GPG29** Nylon Gland PG29 (Cable 16.0 – 24.0mm)

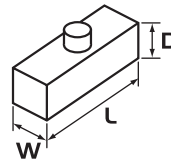
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# AMPHENOL PLUGS & CONNECTORS

## CI46 SERIES

**Heavy Duty Amphenol Multi-Pole Power Connectors ALUMINIUM 16P + E**  
**1 Lever, 16 Amp 400V**

Sizes in mm



### APPLICATIONS:

**Lighting & Entertainment** For multiple control connections on stages and movie sets.

**Medical Industry** Suitable for medical devices and test equipment with a threaded collar to prevent accidental uncoupling.

**Industrial Connectors** Suitable for use on industrial machines and controls, data processing and instrumentation.

### PRODUCT FEATURES:

- ▶ Heavy duty alloy body & base
- ▶ One lever (steel) locking mechanism to avoid disconnection
- ▶ IP65 when mated / IP53 for spring loaded hoods

### CONSTRUCTION:

**Body & Base** Aluminium die cast alloy.

**Insert** Thermoplastic with wire protection & silver plated contacts  
 16 Pole + Earth 16A 400V.

**Screw Terminal** 0.5 – 6.0mm<sup>2</sup>.

**Lever** Single mild steel.

### CHARACTERISTICS:

**Operating Temperature Range** -40°C to +125°C.

**Protection Class** IP65 when mated / IP53 for spring loaded hoods.

**Relevant Standards** DIN VDE 0110, IEC 60664, IEC 60529, UL-E63093, CSA-48932.



**C146 10A 016 1021**

Male Insert Screw Terminal  
**W 27 L 78 D 31**



**C146 10B 016 1021**

Female Insert Screw Terminal  
**W 27 L 78 D 31**



**C146 VN16 210 0002**

Trumpet Strain Relief, PG21 (Cable < 21.0mm)



**C146 VN16 210 0014**

Gland Bush C/W Seal, PG21 (Cable 11.0 – 22.0mm)



**C146 10G 016 6061**

Top Entry Hood, PG21, 2 Stud  
**W 43 L 94 D 62**



**C146 10G 016 5061**

Side Entry Hood, PG21, 2 Stud  
**W 43 L 94 D 62**



**C146 10G 016 8041**

Cable Mount Base, PG21, 1 Lever  
**W 43 L 94 D 62**



**C146 10F 016 0011**

Surface Mount Base, Open, 1 Lever  
**W 43 L 113 D 29**



**C146 10F 016 0031**

Surface Mount Base, Open, 1 Lever,  
 C/W Dust Cover  
**W 43 L 113 D 29**



**C146 10F 016 8061**

Surface Mount Base, Enclosed, 1 Lever,  
 1 x PG21 Side Entry, C/W Dust Cover  
**W 57 L 117 D 64**

Other non C146 series accessories available:



**GPG21SUP**

Nylon Gland PG21 C/W Pigtail Support  
 (Cable 10.0 – 17.5mm)



**GPG21**

Nylon Gland PG21  
 (Cable 10.0 – 17.5mm)

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## C146 SERIES

**Heavy Duty Amphenol Multi-Pole Power Connectors ALUMINIUM 16P + E**  
**2 Lever, 16 Amp 400V**

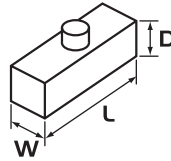
### APPLICATIONS:

- Lighting & Entertainment** For multiple control connections on stages and movie sets.
- Medical Industry** Suitable for medical devices and test equipment with a threaded collar to prevent accidental uncoupling.
- Industrial Connectors** Suitable for use on industrial machines and controls, data processing and instrumentation.

### PRODUCT FEATURES:

- ▶ Heavy duty alloy body & base
- ▶ Two lever (steel) locking mechanism to avoid disconnection
- ▶ IP65 when mated / IP53 for spring loaded hoods

Sizes in mm



### CONSTRUCTION:

- Body & Base** Aluminium die cast alloy.
- Insert** Thermoplastic with wire protection & silver plated contacts
- 16 Pole + Earth** 16A 400V.
- Screw Terminal** 0.5 – 6.0mm<sup>2</sup>.
- Lever** Double mild steel.

### CHARACTERISTICS:

- Operating Temperature Range** -40°C to +125°C.
- Protection Class** IP65 when mated / IP53 for spring loaded hoods.
- Relevant Standards** DIN VDE 0110, IEC 60664, IEC 60529, UL-E63093, CSA-48932.



**C146 10A 016 1021**  
 Male Insert Screw Terminal  
**W 27 L 78 D 31**



**C146 10B 016 1021**  
 Female Insert Screw Terminal  
**W 27 L 78 D 31**



**C146 VN16 210 0002**  
 Trumpet Strain Relief, PG21 (Cable < 21.0mm)  
**C146 VN16 290 0002**  
 Trumpet Strain Relief, PG29 (Cable < 30.0mm)



**C146 VN16 210 0014**  
 Gland Bush C/W Seal, PG21 (Cable 11.0 – 22.0mm)  
**C146 VN16 290 0014**  
 Gland Bush C/W Seal, PG29 (Cable 19.0 – 31.0mm)



**C146 10Z 016 1001**  
 Protective Cover, 4 Stud  
**W 44 L 97 D 20**



**C146 10G 016 6001**  
 Top Entry Hood, PG21, 4 Stud **W 43 L 94 D 62**



**C146 10G 016 6011**  
 Top Entry Hood, PG29, 4 Stud **W 43 L 94 D 62**



**C146 10G 016 5001**  
 Side Entry Hood, PG21, 4 Stud  
**W 43 L 94 D 62**



**C146 10G 016 8021**  
 Cable Mount Base, PG21, 2 Lever **W 43 L 94 D 62**



**C146 10G 016 8038**  
 Cable Mount Base, PG29, 2 Lever **W 43 L 94 D 76**



**C146 10G 016 6021**  
 Cable Mount Base, PG21, 2 Lever, C/W Dust Cover  
*(Suit C146 10G 016 0021)*  
**W 43 L 94 D 62**



**C146 10F 016 0001**  
 Surface Mount Base, Open, 2 Lever  
**W 43 L 113 D 29**



**C146 10F 016 0021**  
 Surface Mount Base, Open, 4 Stud Only, C/W Dust Cover  
*(Suit C146 10G 016 6021)*  
**W 43 L 113 D 29**



**C146 10F 016 5001**  
 Surface Mount Base, Enclosed, 2 Lever,  
 1 x PG21, Side Entry  
**W 57 L 117 D 64**

Other non C146 series accessories available:



**GPG21SUP**  
 Nylon Gland PG21 C/W Pigtail Support  
 (Cable 10.0 – 17.5mm)



**GPG21**  
 Nylon Gland PG21 (Cable 10.0 – 17.5mm)

**GPG29**  
 Nylon Gland PG29 (Cable 16.0 – 24.0mm)

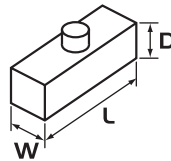
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# AMPHENOL PLUGS & CONNECTORS

## CI46 SERIES

**Heavy Duty Amphenol Multi-Pole Power Connectors ALUMINIUM 24P + E**  
**1 Lever, 16 Amp 400V**

Sizes in mm



### APPLICATIONS:

**Lighting & Entertainment** For multiple control connections on stages and movie sets.

**Medical Industry** Suitable for medical devices and test equipment with a threaded collar to prevent accidental uncoupling.

**Industrial Connectors** Suitable for use on industrial machines and controls, data processing and instrumentation.

### PRODUCT FEATURES:

- ▶ Heavy duty alloy body & base
- ▶ One lever (steel) locking mechanism to avoid disconnection
- ▶ IP65 when mated / IP53 for spring loaded hoods

### CONSTRUCTION:

**Body & Base** Aluminium die cast alloy.

**Insert** Thermoplastic with wire protection & silver plated contacts  
 24 Pole + Earth 16A 400V.

**Screw Terminal** 0.5 – 6.0mm<sup>2</sup>.

**Lever** Single mild steel.

### CHARACTERISTICS:

**Operating Temperature Range** -40°C to +125°C.

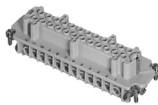
**Protection Class** IP65 when mated / IP53 for spring loaded hoods.

**Relevant Standards** DIN VDE 0110, IEC 60664, IEC 60529, UL-E63093, CSA-48932.



**C146 10A 024 1021**

Male Insert Screw Terminal  
**W 27 L 104 D 31**



**C146 10B 024 1021**

Female Insert Screw Terminal  
**W 27 L 104 D 32**



**C146 VN16 210 0002**

Trumpet Strain Relief, PG21 (Cable < 21.0mm)

**C146 VN16 290 0002**

Trumpet Strain Relief, PG29 (Cable < 30.0mm)



**C146 VN16 210 0014**

Gland Bush C/W Seal, PG21 (Cable 11.0 – 22.0mm)

**C146 VN16 290 0014**

Gland Bush C/W Seal, PG29 (Cable 19.0 – 31.0mm)



**C146 10G 024 6061**

Top Entry Hood PG21, 2 Stud **W 43 L 120 D 62**

**C146 10G 024 6071**

Top Entry Hood PG29, 2 Stud **W 43 L 120 D 62**



**C146 10G 024 5071**

Side Entry Hood, PG29, 2 Stud  
**W 43 L 120 D 76**



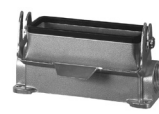
**C146 10F 024 0031**

Cable Mount Base, PG21, 1 Lever  
**W 43 L 140 D 29**



**C146 10F 024 0011**

Surface Mount Base, Open, 1 Lever  
**W 43 L 140 D 29**



**C146 10F 024 8021**

Surface Mount Base, Enclosed, 1 Lever,  
 1 x PG21, Side Entry  
**W 57 L 144 D 64**



**C146 10F 024 8061**

Surface Mount Base, Enclosed, 1 Lever,  
 1 x PG21, Side Entry, C/W Dust Cover  
**W 57 L 144 D 64**

Other non C146 series accessories available:



**GPG21SUP**

Nylon Gland PG21 C/W Pigtail Support  
 (Cable 10.0 – 17.5mm)



**GPG21**

Nylon Gland PG21 (Cable 10.0 – 17.5mm)

**GPG29**

Nylon Gland PG29 (Cable 16.0 – 24.0mm)

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## C146 SERIES

**Heavy Duty Amphenol Multi-Pole Power Connectors ALUMINIUM 24P + E**  
**2 Lever, 16 Amp 400V**

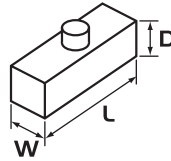
### APPLICATIONS:

- Lighting & Entertainment** For multiple control connections on stages and movie sets.
- Medical Industry** Suitable for medical devices and test equipment with a threaded collar to prevent accidental uncoupling.
- Industrial Connectors** Suitable for use on industrial machines and controls, data processing and instrumentation.

### PRODUCT FEATURES:

- ▶ Heavy duty alloy body & base
- ▶ Two lever (steel) locking mechanism to avoid disconnection
- ▶ IP65 when mated / IP53 for spring loaded hoods

Sizes in mm



### CONSTRUCTION:

- Body & Base** Aluminium die cast alloy.
- Insert** Thermoplastic with wire protection & silver plated contacts 24 Pole + Earth 16A 400V.
- Screw Terminal** 0.5 – 6.0mm<sup>2</sup>.
- Lever** Double mild steel.

### CHARACTERISTICS:

- Operating Temperature Range** -40°C to +125°C.
- Protection Class** IP65 when mated / IP53 for spring loaded hoods.
- Relevant Standards** DIN VDE 0110, IEC 60664, IEC 60529, UL-E63093, CSA-48932.



**C146 10A 024 1021**  
 Male Insert Screw Terminal  
**W 27 L 104 D 31**



**C146 10B 024 1021**  
 Female Insert Screw Terminal  
**W 27 L 104 D 32**



**C146 VN16 210 0002**  
 Trumpet Strain Relief, PG21 (Cable < 21.0mm)  
**C146 VN16 290 0002**  
 Trumpet Strain Relief, PG29 (Cable < 30.0mm)



**C146 VN16 210 0014**  
 Gland Bush C/W Seal, PG21 (Cable 11.0 – 22.0mm)  
**C146 VN16 290 0014**  
 Gland Bush C/W Seal, PG29 (Cable 19.0 – 31.0mm)



**C146 10Z 024 1001**  
 Protective Cover, 4 Stud  
**W 44 L 123 D 20**



**C146 10G 024 6001**  
 Top Entry Hood, PG21, 4 Stud **W 43 L 120 D 62**  
**C146 10G 024 6011**  
 Top Entry Hood, PG29, 4 Stud **W 43 L 120 D 62**



**C146 10G 024 5011**  
 Side Entry Hood, PG29, 4 Stud  
**W 43 L 120 D 62**



**C146 10G 024 8028**  
 Cable Mount Base, PG21, 2 Lever  
**W 43 L 94 D 62**



**C146 10F 024 0001**  
 Surface Mount Base, Open, 2 Lever  
**W 43 L 140 D 29**



**C146 10F 024 5001**  
 Surface Mount Base, Enclosed, 2 Lever,  
 1 x PG21, Side Entry  
**W 57 L 144 D 64**

Other non C146 series accessories available:



**GPG21SUP**  
 Nylon Gland PG21 C/W Pigtail Support  
 (Cable 10.0 – 17.5mm)



**GPG21**  
 Nylon Gland PG21 (Cable 10.0 – 17.5mm)

**GPG29**  
 Nylon Gland PG29 (Cable 16.0 – 24.0mm)

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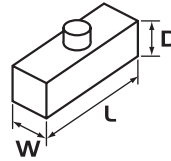


# AMPHENOL PLUGS & CONNECTORS

## C146 SERIES

**Heavy Duty Amphenol Multi-Pole Power Connectors ALUMINIUM 48P + E**  
**1 Lever, 16 Amp 400V**

Sizes in mm



### APPLICATIONS:

**Lighting & Entertainment** For multiple control connections on stages and movie sets.

**Medical Industry** Suitable for medical devices and test equipment with a threaded collar to prevent accidental uncoupling.

**Industrial Connectors** Suitable for use on industrial machines and controls, data processing and instrumentation.

### PRODUCT FEATURES:

- ▶ Heavy duty alloy body & base
- ▶ One lever (steel) locking mechanism to avoid disconnection
- ▶ IP65 when mated / IP53 for spring loaded hoods

### CONSTRUCTION:

**Body & Base** Aluminium die cast alloy.

**Insert** Thermoplastic with silver plated contacts 48 Pole + Earth 16A 400V.

**Screw Terminal** 0.5 – 6.0mm<sup>2</sup>.

**Lever** Single mild steel.

### CHARACTERISTICS:

**Operating Temperature Range** -40°C to +125°C.

**Protection Class** IP65 when mated / IP53 for spring loaded hoods.

**Relevant Standards** DIN VDE 0110, IEC60664, IEC 60529, UL-E63093, CSA-48932.



#### C146 10A 024 1021

Male Insert Screw Terminal #1–24  
**W 27 L 104 D 31**



#### C146 10B 024 1021

Female Insert Screw Terminal #1–24  
**W 27 L 104 D 32**



#### C146 10G 048 5071

Side Entry Hood PG36, 2 Stud  
**W 90 L 132 D 105**



#### C146 10F 048 0031

Surface Mount Base, Open, 1 Lever,  
 C/W Dust Cover  
**W 90 L 165 D 43**

Other non C146 series accessories available:



#### GPG36

Nylon Gland PG36  
 (Cable 18.0 – 31.0mm)

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