


75009625	DATA SHEET	
Valid from: 24.04.2019	EPIC® KIT H-A 10 SS TG M20	

Description

- H-A inserts, easy to service, with screw termination up to 2.5 mm² wire cross section
- The small H-A is used whenever there is minimal space
- Easy cable connection with strait cable entry in the contacts.
- Optimally matched components
- Reduced ordering effort
- No wrong orders



Components of the combination

Article number of the combination	75009625
Housing	H-A 10 Tg M20 (19446000)
Insert	H-A 10 SS (10440100)

General characteristics

Series	H-A 10
Version	Male
Connection type	Screw termination
Pin-arrangement	10 + PE
Contact diameter	2,5 mm
Termination cross section	Screw termination: 0,5 – 2,5 mm ²
Degree of protection (DIN EN 60529)	IP 65 (latched)
Degree of protection (NEMA 250/UL 50E)	12, 4 (latched)
Cycles of mechanical operation	100
Temperature range	-40°C to +125°C, short term up to +125


Materials and surfaces

Housing	Zinc die-casting
Housing, surface	Powder-coating, grey
Insert	PBT
Contact, base material	Copper alloy
Contact, surface	Hard-silver

Electrical characteristics

Rated Voltage, IEC	400 V
Rated Voltage, UL	600 V
Rated Voltage, CSA	600 V
Rated Impulse Voltage	4 kV
Rated Current, IEC	16 A
Rated Current, UL	16 A
Rated Current, CSA	16 A
Contact Resistance	1,5 - 4 mOhm
Degree of Soiling	3

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Approvals

VDE-Approval, VDE-REG.-Nr.
UL File Number

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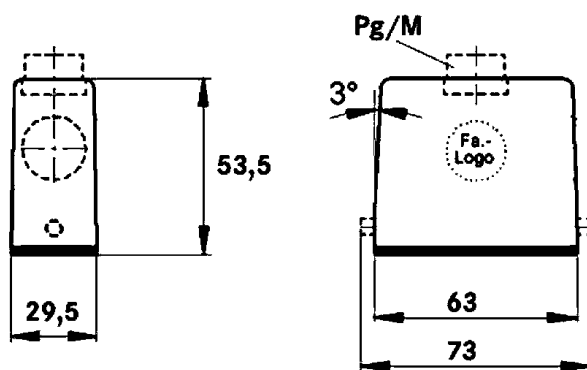
Standards

Safety Standard

IEC 61984; UL 1977; CSA-C22.02 182.3

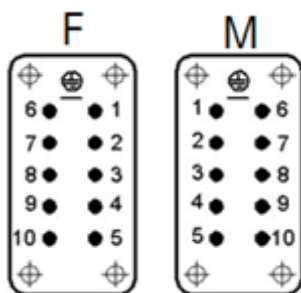
Technical Drawings :

Housing

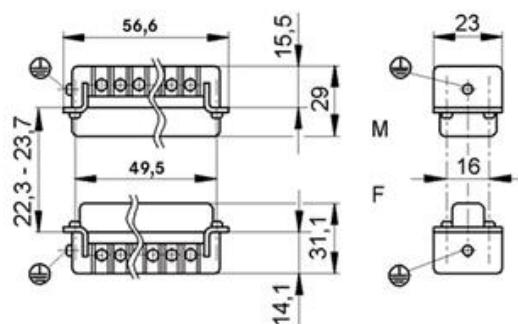



Insert

Pin assignment :



Dimensions :



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Valid from: 24.04.2019	EPIC[®] KIT H-A 10 SS TG M20	



Industrial machinery and plant engineering



Mechanical resistance



Robust



Waterproof



Assembly time



Space requirement

Info

Compact, robust metal housings size H-A 10
 Robust power supply connector
 Straight cable entry into the contacts

Application range

Machine and equipment manufacturing
 Control engineering
 Electronic laboratory

Remark

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75009626	DATA SHEET	
Valid from: 24.04.2019	EPIC® KIT H-A 10 SS TS M20	

Description

- H-A inserts, easy to service, with screw termination up to 2.5 mm² wire cross section
- The small H-A is used whenever there is minimal space
- Easy cable connection with strait cable entry in the contacts.
- Optimally matched components
- Reduced ordering effort
- No wrong orders



Components of the combination

Article number of the combination	75009626
Housing	H-A 10 Ts M20 (19445000)
Insert	H-A 10 SS (10440100)

General characteristics

Series	H-A 10
Version	Male
Connection type	Screw termination
Pin-arrangement	10 + PE
Contact diameter	2,5 mm
Termination cross section	Screw termination: 0,5 – 2,5 mm ²
Degree of protection (DIN EN 60529)	IP 65 (latched)
Degree of protection (NEMA 250/UL 50E)	12, 4 (latched)
Cycles of mechanical operation	100
Temperature range	-40°C to +125°C, short term up to +125


Materials and surfaces

Housing	Zinc die-casting
Housing, surface	Powder-coating, grey
Insert	PBT
Contact, base material	Copper alloy
Contact, surface	Hard-silver

Electrical characteristics

Rated Voltage, IEC	400 V
Rated Voltage, UL	600 V
Rated Voltage, CSA	600 V
Rated Impulse Voltage	4 kV
Rated Current, IEC	16 A
Rated Current, UL	16 A
Rated Current, CSA	16 A
Contact Resistance	1,5 - 4 mOhm
Degree of Soiling	3

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Approvals

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UL File Number

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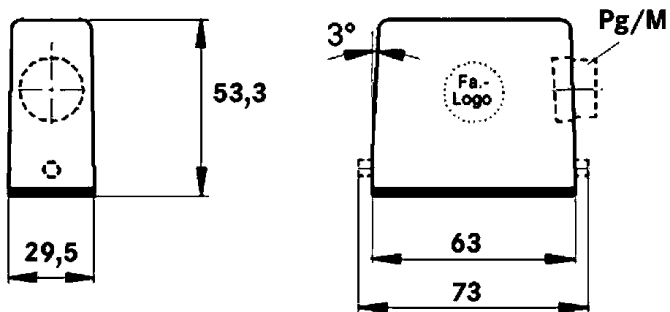
Standards

Safety Standard

IEC 61984; UL 1977; CSA-C22.2 182.3

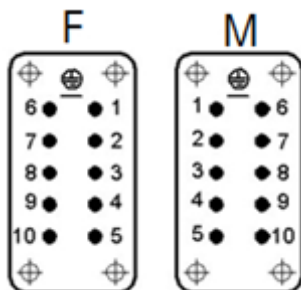
Technical Drawings :

Housing

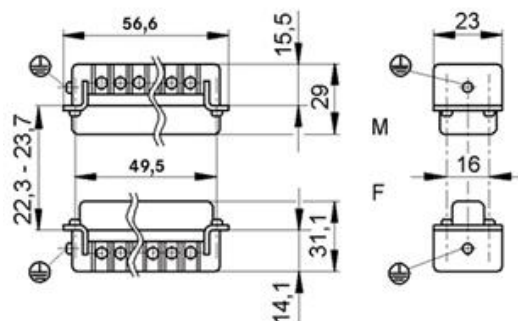



Insert

Pin assignment :



Dimensions :



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Industrial machinery and plant engineering



Mechanical resistance



Robust



Waterproof



Assembly time



Space requirement

Info

Compact, robust metal housings size H-A 10
 Robust power supply connector
 Straight cable entry into the contacts


Application range

Machine and equipment manufacturing
 Control engineering
 Electronic laboratory

Remark

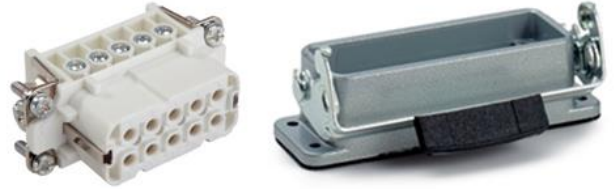
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75009627	DATA SHEET	
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Description

- H-A inserts, easy to service, with screw termination up to 2.5 mm² wire cross section
- The small H-A is used whenever there is minimal space
- Easy cable connection with straight cable entry in the contacts.
- Optimally matched components
- Reduced ordering effort
- No wrong orders



Components of the combination

Article number of the combination	75009627
Housing	H-A 10 Ag (10442000)
Insert	H-A 10 SS (10441100)

General characteristics

Series	H-A 10
Version	Female
Connection type	Screw termination
Pin-arrangement	10 + PE
Contact diameter	2,5 mm
Termination cross section	Screw termination: 0,5 – 2,5 mm ²
Degree of protection (DIN EN 60529)	IP 65 (latched)
Degree of protection (NEMA 250/UL 50E)	12, 4 (latched)
Cycles of mechanical operation	100
Temperature range	-40°C to +125°C, short term up to +125


Materials and surfaces

Housing	Zinc die-casting
Housing, surface	Powder-coating, grey
Insert	PBT
Contact, base material	Copper alloy
Contact, surface	Hard-silver

Electrical characteristics

Rated Voltage, IEC	400 V
Rated Voltage, UL	600 V
Rated Voltage, CSA	600 V
Rated Impulse Voltage	4 kV
Rated Current, IEC	16 A
Rated Current, UL	16 A
Rated Current, CSA	16 A
Contact Resistance	1,5 - 4 mOhm
Degree of Soiling	3

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UL File Number

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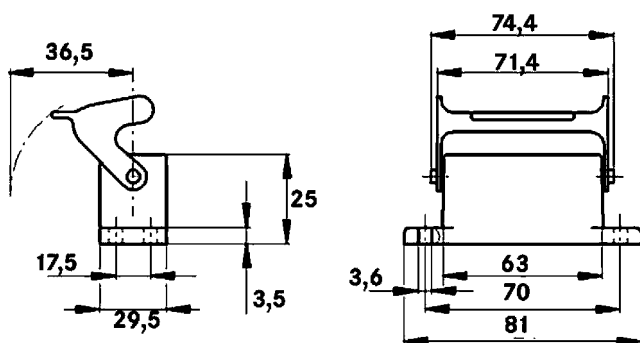
Standards

Safety Standard

IEC 61984; UL 1977; CSA-C22.2 182.3

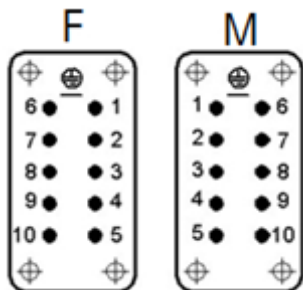
Technical Drawings :

Housing

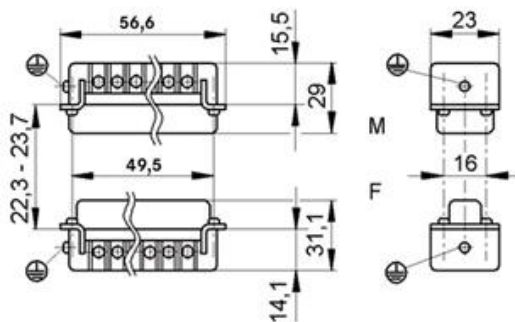



Insert

Pin assignment :



Dimensions :



75009627	DATA SHEET	
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Industrial machinery and plant engineering



Mechanical resistance



Robust



Waterproof



Assembly time



Space requirement

Info

Compact, robust metal housings size H-A 10
 Robust power supply connector
 Straight cable entry into the contacts

Application range

Machine and equipment manufacturing
 Control engineering
 Electronic laboratory

Remark

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75009628	DATA SHEET	
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Description

- H-A inserts, easy to service, with screw termination up to 2.5 mm² wire cross section
- The small H-A is used whenever there is minimal space
- Easy cable connection with strait cable entry in the contacts.
- Optimally matched components
- Reduced ordering effort
- No wrong orders



Components of the combination

Article number of the combination	75009628
Housing	H-A 10 SGR M20 (19448100)
Insert	H-A 10 BS (10441100)

General characteristics

Series	H-A 10
Version	Female
Connection type	Screw termination
Pin-arrangement	10 + PE
Contact diameter	2,5 mm
Termination cross section	Screw termination: 0,5 – 2,5 mm ²
Degree of protection (DIN EN 60529)	IP 65 (latched)
Degree of protection (NEMA 250/UL 50E)	12, 4 (latched)
Cycles of mechanical operation	100
Temperature range	-40°C to +125°C, short term up to +125

Materials and surfaces

Housing	Zinc die-casting
Housing, surface	Powder-coating, grey
Insert	PBT
Contact, base material	Copper alloy
Contact, surface	Hard-silver

Electrical characteristics

Rated Voltage, IEC	400 V
Rated Voltage, UL	600 V
Rated Voltage, CSA	600 V
Rated Impulse Voltage	4 kV
Rated Current, IEC	16 A
Rated Current, UL	16 A
Rated Current, CSA	16 A
Contact Resistance	1,5 - 4 mOhm
Degree of Soiling	3

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UL File Number

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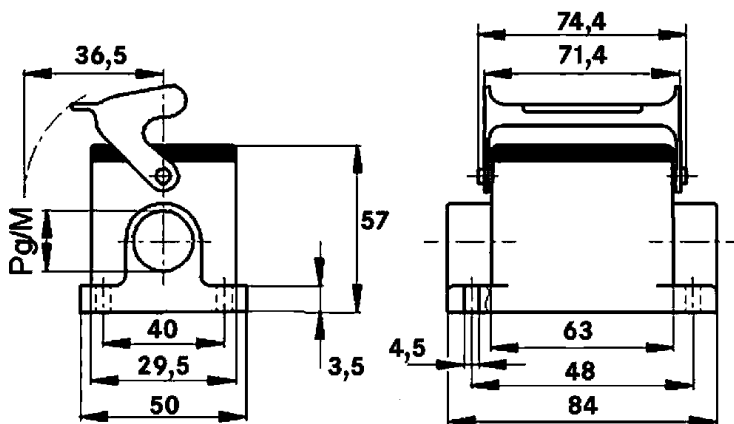
Standards

Safety Standard

IEC 61984; UL 1977; CSA-C22.2 182.3

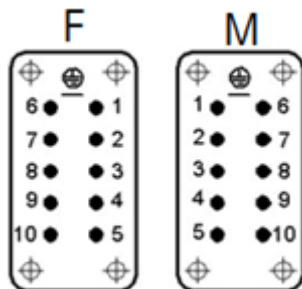
Technical Drawings :

Housing

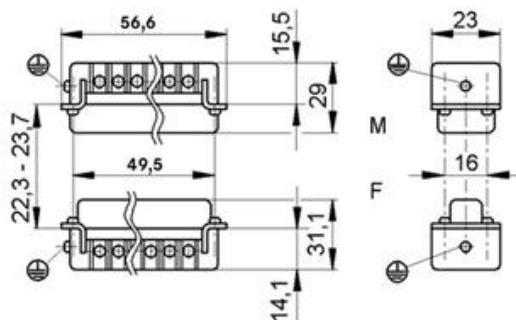


Insert

Pin assignment :



Dimensions :



75009628	DATA SHEET	
Valid from: 24.04.2019	EPIC® KIT H-A 10 BS SGR M20	



Industrial machinery and plant engineering



Mechanical resistance



Robust



Waterproof



Assembly time



Space requirement

Info

Compact, robust metal housings size H-A 10
 Robust power supply connector
 Straight cable entry into the contacts


Application range

Machine and equipment manufacturing
 Control engineering
 Electronic laboratory

Remark

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75009629	DATA SHEET	
Valid from: 24.04.2019	EPIC® KIT H-A 10 TBF M20	

Description

- H-A inserts, easy to service, with screw termination up to 2.5 mm² wire cross section
- The small H-A is used whenever there is minimal space
- Easy cable connection with strait cable entry in the contacts.
- Optimally matched components
- Reduced ordering effort
- No wrong orders



Components of the combination

Article number of the combination	75009629
Housing	H-A 10 Tbf (19439000)
Insert	H-A 10 BS (10441100)

General characteristics

Series	H-A 10
Version	Female
Connection type	Screw termination
Pin-arrangement	10 + PE
Contact diameter	2,5 mm
Termination cross section	Screw termination: 0,5 – 2,5 mm ²
Degree of protection (DIN EN 60529)	IP 65 (latched)
Degree of protection (NEMA 250/UL 50E)	12, 4 (latched)
Cycles of mechanical operation	100
Temperature range	-40°C to +125°C, short term up to +125


Materials and surfaces

Housing	Zinc die-casting
Housing, surface	Powder-coating, grey
Insert	PBT
Contact, base material	Copper alloy
Contact, surface	Hard-silver

Electrical characteristics

Rated Voltage, IEC	400 V
Rated Voltage, UL	600 V
Rated Voltage, CSA	600 V
Rated Impulse Voltage	4 kV
Rated Current, IEC	16 A
Rated Current, UL	16 A
Rated Current, CSA	16 A
Contact Resistance	1,5 - 4 mOhm
Degree of Soiling	3

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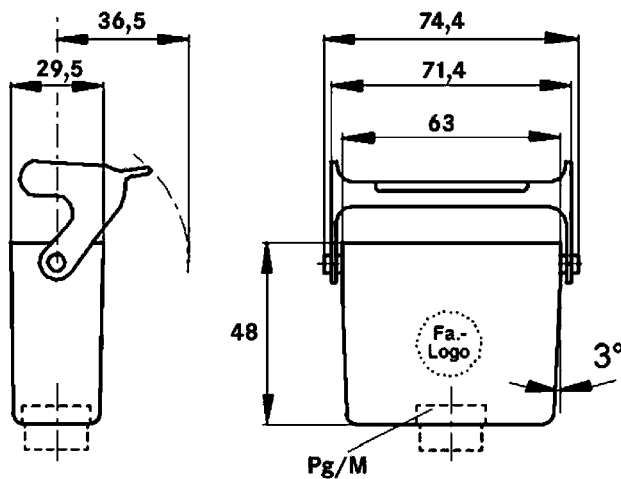
Standards

Safety Standard

IEC 61984; UL 1977; CSA-C22.2 182.3

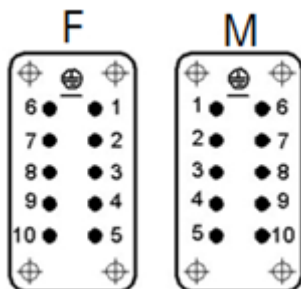
Technical Drawings :

Housing

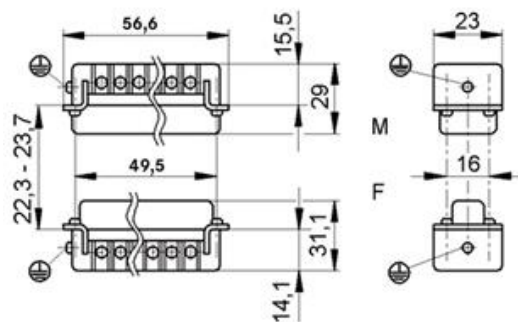



Insert

Pin assignment :



Dimensions :



75009629	DATA SHEET	
Valid from: 24.04.2019	EPIC[®] KIT H-A 10 TBF M20	



Industrial machinery and plant engineering



Mechanical resistance



Robust



Waterproof



Assembly time



Space requirement

Info

Compact, robust metal housings size H-A 10
 Robust power supply connector
 Straight cable entry into the contacts

Application range

Machine and equipment manufacturing
 Control engineering
 Electronic laboratory

Remark

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