


75009635	DATA SHEET	
Valid from: 25.02.2019	EPIC® Kit H-BE 6 SS TG M20	

Description

- Optimally matched components.
- H-BE inserts with screw termination up to 2.5 mm² connection cross-section.
- The possibility of using higher voltages and currents as well as high reliability characterizes the EPIC® H-BE series.
- Reduced order costs. No wrong orders.



Components

Item number of the combination	75009635
Housing	EPIC® H-B 6 TG M20 (19011000)
Insert	EPIC® H-BE 6 SS DR (10190000)


General characteristics

Insert	H-BE 6
Gender	Male
Connection type	Screw termination
Connection cross-section	0.5 – 2.5 mm ²
Wire protection	Yes
Number of contacts	6 + PE
Contact diameter	2,5 mm
Mating cycles	500
Temperature range	-40°C to +100°C, short-term up to +125 °C
Housing	Hood
Gland body	No
Cable entry	1x straight
Locking	Bolt for single lever
Protection (DIN EN 60529)	IP 65 (mated and latched)
Protection (NEMA 250/UL50E)	4 and 12 (mated and latched)

Electrical characteristics

Rated voltage, IEC	500 V
Rated voltage, UL	600 V
Rated voltage, CSA	600 V
Rated impulse voltage	6 kV
Rated current, IEC	16 A
Rated current, UL	16 A
Rated current, CSA	16 A
Contact resistance	< 2 mOhm
Degree of soiling	3

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75009635	DATA SHEET	
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Materials/Surfaces

Contacts	Copper alloy, hard silver plated
Insulating body	PC
Flammability class according to UL94	V0
Housing	Aluminium alloy, powder-coated (grey)
Locking	Steel, zinc-plated
Housing seal	-
Gland body	-

Approvals

VDE-Approval, VDE-REG.-Nr.	B437
UL File Nummer	E75770
CSA File Nummer	053004

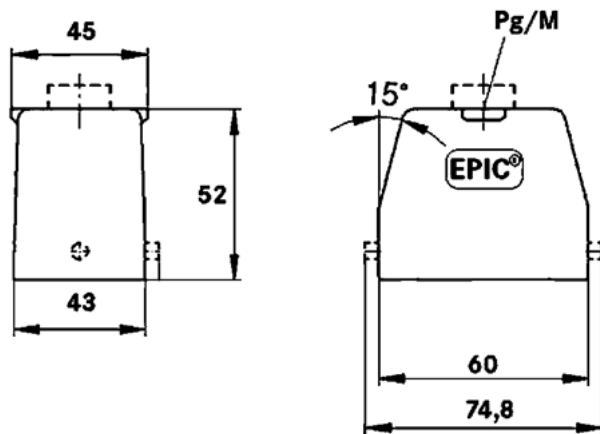


Standards


Safety standards	IEC 61984; UL 1977; CSA-C22.2
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Technical drawings

Housing dimensions

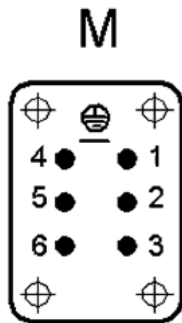


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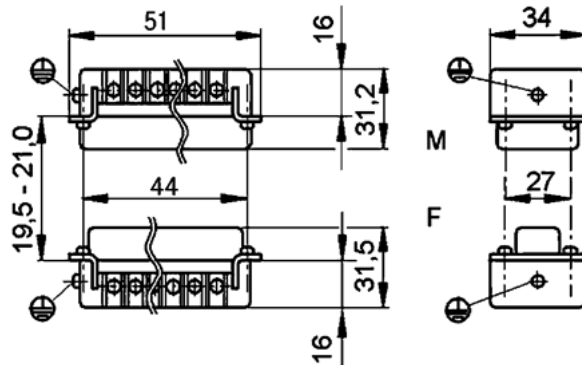
75009635	DATA SHEET	
Valid from: 25.02.2019	EPIC® Kit H-BE 6 SS TG M20	

Insert

Pin assignment



Dimensions



Automation



Industrial machinery and plant engineering



Mechanical resistance



Robust



Waterproof



Temperature-resistant

Info

Universal, robust metal housings

Multifunctional insert for versatile applications


Application range

Plant engineering, control engineering, plastics industry, light & sound technology

Remark

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75009636	DATA SHEET	
Valid from: 25.02.2019	EPIC® Kit H-BE 6 SS TS M20	

Description

- Optimally matched components.
- H-BE inserts with screw termination up to 2.5 mm² connection cross-section.
- The possibility of using higher voltages and currents as well as high reliability characterizes the EPIC® H-BE series.
- Reduced order costs. No wrong orders.



Components

Item number of the combination	75009637
Housing	EPIC® H-B 6 TS M20 (19012000)
Insert	EPIC® H-BE 6 SS DR (10190000)


General characteristics

Insert	H-BE 6
Gender	Male
Connection type	Screw termination
Connection cross-section	0.5 – 2.5 mm ²
Wire protection	Yes
Number of contacts	6 + PE
Contact diameter	2,5 mm
Mating cycles	500
Temperature range	-40°C to +100°C, short-term up to +125 °C
Housing	Hood
Gland body	Yes
Cable entry	1x lateral
Locking	Bolt for single lever
Protection (DIN EN 60529)	IP 65 (mated and latched)
Protection (NEMA 250/UL50E)	4 and 12 (mated and latched)

Electrical characteristics

Rated voltage, IEC	500 V
Rated voltage, UL	600 V
Rated voltage, CSA	600 V
Rated impulse voltage	6 kV
Rated current, IEC	16 A
Rated current, UL	16 A
Rated current, CSA	16 A
Contact resistance	< 2 mOhm
Degree of soiling	3

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75009636	DATA SHEET	
Valid from: 25.02.2019	EPIC® Kit H-BE 6 SS TS M20	

Materials/Surfaces

Contacts	Copper alloy, hard silver plated
Insulating body	PC
Flammability class according to UL94	V0
Housing	Aluminium alloy, powder-coated (grey)
Locking	Steel, zinc-plated
Housing seal	-
Gland body	Brass, nickel-plated

Approvals

VDE-Approval, VDE-REG.-Nr.	B437
UL File Nummer	E75770
CSA File Nummer	053004

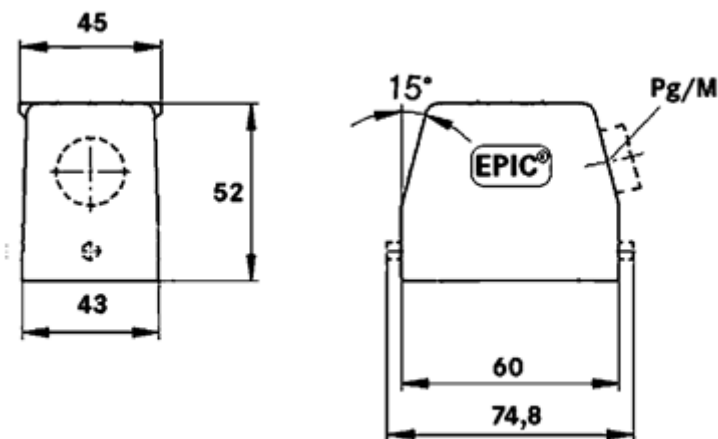


Standards


Safety standards IEC 61984; UL 1977; CSA-C22.2

Technical drawings

Housing dimensions

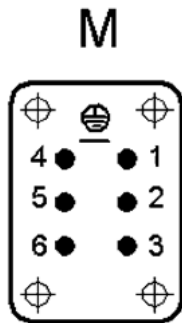


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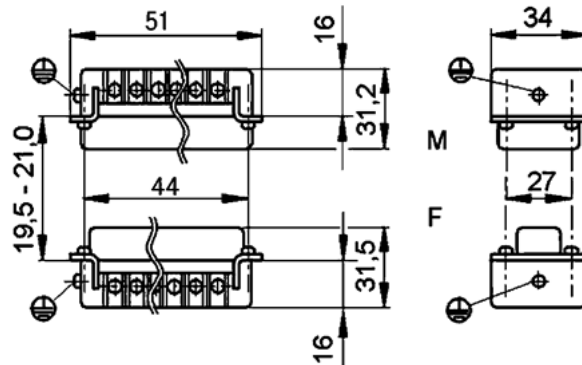
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Valid from: 25.02.2019	EPIC® Kit H-BE 6 SS TS M20	

Insert

Pin assignment



Dimensions



Automation



Industrial machinery and plant engineering



Mechanical resistance



Robust



Waterproof



Temperature-resistant

Info

Universal, robust metal housings

Multifunctional insert for versatile applications


Application range

Plant engineering, control engineering, plastics industry, light & sound technology

Remark

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75009637	DATA SHEET	
Valid from: 25.02.2019	EPIC® Kit H-BE 6 BS AG	

Description

- Optimally matched components.
- H-BE inserts with screw termination up to 2.5 mm² connection cross-section.
- The possibility of using higher voltages and currents as well as high reliability characterizes the EPIC® H-BE series.
- Reduced order costs. No wrong orders.



Components

Item number of the combination	75009637
Housing	EPIC® H-B 6 AG (10003000)
Insert	EPIC® H-BE 6 BS DR (10191000)


General characteristics

Insert	H-BE 6
Gender	Female
Connection type	Screw termination
Connection cross-section	0.5 – 2.5 mm ²
Wire protection	Yes
Number of contacts	6 + PE
Contact diameter	2,5 mm
Mating cycles	500
Temperature range	-40°C to +100°C, short-term up to +125 °C
Housing	Panel mount base
Gland body	-
Cable entry	-
Locking	Single lever
Protection (DIN EN 60529)	IP 65 (mated and latched)
Protection (NEMA 250/UL50E)	4 and 12 (mated and latched)

Electrical characteristics

Rated voltage, IEC	500 V
Rated voltage, UL	600 V
Rated voltage, CSA	600 V
Rated impulse voltage	6 kV
Rated current, IEC	16 A
Rated current, UL	16 A
Rated current, CSA	16 A
Contact resistance	< 2 mOhm
Degree of soiling	3

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75009637	DATA SHEET	
Valid from: 25.02.2019	EPIC® Kit H-BE 6 BS AG	

Materials/Surfaces

Contacts	Copper alloy, hard silver plated
Insulating body	PC
Flammability class according to UL94	V0
Housing	Aluminium alloy, powder-coated (grey)
Locking	Steel, zinc-plated
Housing seal	NBR
Gland body	-

Approvals

VDE-Approval, VDE-REG.-Nr.	B437
UL File Nummer	E75770
CSA File Nummer	053004

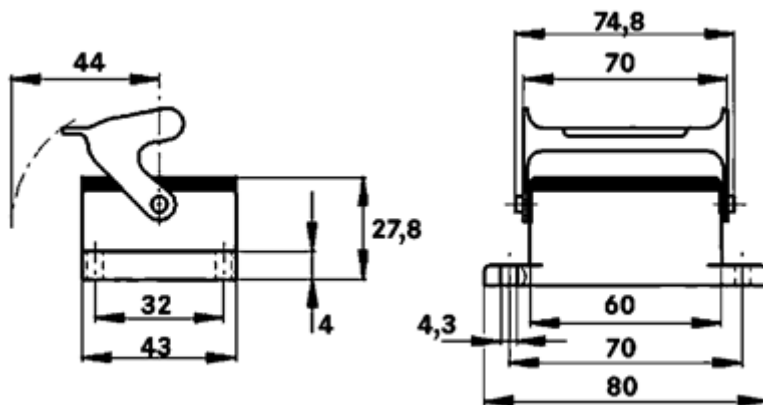



Standards

Safety standards IEC 61984; UL 1977; CSA-C22.2

Technical drawings

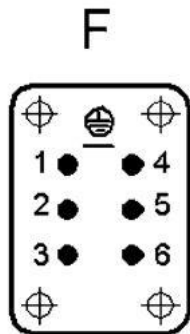
Housing dimensions



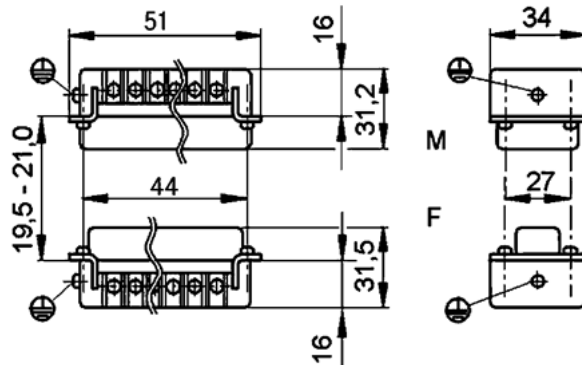
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Valid from: 25.02.2019	EPIC® Kit H-BE 6 BS AG	

Insert

Pin assignment



Dimensions



Automation



Industrial machinery and plant engineering



Mechanical resistance



Robust



Waterproof



Temperature-resistant

Info

Universal, robust metal housings

Multifunctional insert for versatile applications

Application range

Plant engineering, control engineering, plastics industry, light & sound technology

Remark

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75009638	DATA SHEET	
Valid from: 25.02.2019	EPIC® Kit H-BE 6 BS SGR M20	

Description

- Optimally matched components.
- H-BE inserts with screw termination up to 2.5 mm² connection cross-section.
- The possibility of using higher voltages and currents as well as high reliability characterizes the EPIC® H-BE series.
- Reduced order costs. No wrong orders.



Components

Item number of the combination	75009638
Housing	EPIC® H-B 6 SGR M20 (19005000)
Insert	EPIC® H-BE 6 BS DR (10191000)

General characteristics

Insert	H-BE 6
Gender	Female
Connection type	Screw termination
Connection cross-section	0.5 – 2.5 mm ²
Wire protection	Yes
Number of contacts	6 + PE
Contact diameter	2,5 mm
Mating cycles	500
Temperature range	-40°C to +100°C, short-term up to +125 °C
Housing	Surface mount base
Gland body	-
Cable entry	1x lateral
Locking	Single lever
Protection (DIN EN 60529)	IP 65 (mated and latched)
Protection (NEMA 250/UL50E)	4 and 12 (mated and latched)

Electrical characteristics

Rated voltage, IEC	500 V
Rated voltage, UL	600 V
Rated voltage, CSA	600 V
Rated impulse voltage	6 kV
Rated current, IEC	16 A
Rated current, UL	16 A
Rated current, CSA	16 A
Contact resistance	< 2 mOhm
Degree of soiling	3

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75009638	DATA SHEET	
Valid from: 25.02.2019	EPIC® Kit H-BE 6 BS SGR M20	

Materials/Surfaces

Contacts	Copper alloy, hard silver plated
Insulating body	PC
Flammability class according to UL94	V0
Housing	Aluminium alloy, powder-coated (grey)
Locking	Steel, zinc-plated
Housing seal	NBR
Gland body	-

Approvals

VDE-Approval, VDE-REG.-Nr.	B437
UL File Nummer	E75770
CSA File Nummer	053004

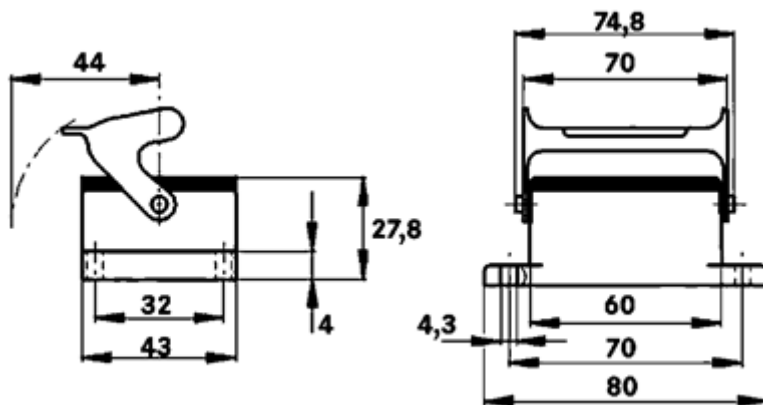


Standards

Safety standards IEC 61984; UL 1977; CSA-C22.2

Technical drawings

Housing dimensions

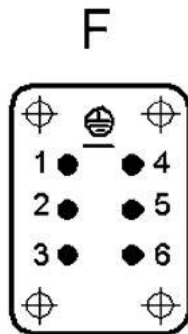


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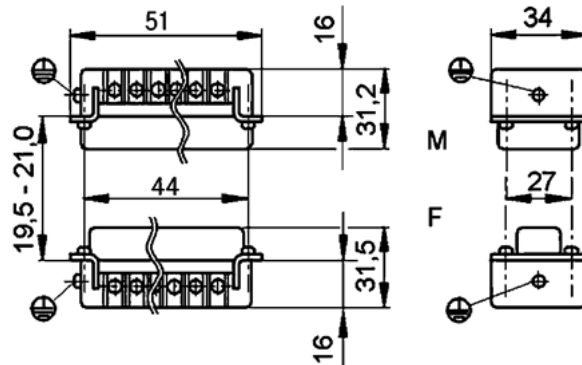
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Valid from: 25.02.2019	EPIC® Kit H-BE 6 BS SGR M20	

Insert

Pin assignment



Dimensions



Automation



Industrial machinery and plant engineering



Mechanical resistance



Robust



Waterproof



Temperature-resistant

Info

Universal, robust metal housings

Multifunctional insert for versatile applications

Application range

Plant engineering, control engineering, plastics industry, light & sound technology

Remark

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75009639	DATA SHEET	
Valid from: 25.02.2019	EPIC® Kit H-BE 6 BS TBF M20	

Description

- Optimally matched components.
- H-BE inserts with screw termination up to 2.5 mm² connection cross-section.
- The possibility of using higher voltages and currents as well as high reliability characterizes the EPIC® H-BE series.
- Reduced order costs. No wrong orders.



Components

Item number of the combination	75009639
Housing	EPIC® H-B 6 TBF M20 (19014000)
Insert	EPIC® H-BE 6 BS DR (10191000)

General characteristics

Insert	H-BE 6
Gender	Female
Connection type	Screw termination
Connection cross-section	0.5 – 2.5 mm ²
Wire protection	Yes
Number of contacts	6 + PE
Contact diameter	2,5 mm
Mating cycles	500
Temperature range	-40°C to +100°C, short-term up to +125 °C
Housing	Cable coupler hood
Gland body	No
Cable entry	1x straight
Locking	Single lever
Protection (DIN EN 60529)	IP 65 (mated and latched)
Protection (NEMA 250/UL50E)	4 and 12 (mated and latched)

Electrical characteristics

Rated voltage, IEC	500 V
Rated voltage, UL	600 V
Rated voltage, CSA	600 V
Rated impulse voltage	6 kV
Rated current, IEC	16 A
Rated current, UL	16 A
Rated current, CSA	16 A
Contact resistance	< 2 mOhm
Degree of soiling	3

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75009639	DATA SHEET	
Valid from: 25.02.2019	EPIC[®] Kit H-BE 6 BS TBF M20	

Materials/Surfaces

Contacts	Copper alloy, hard silver plated
Insulating body	PC
Flammability class according to UL94	V0
Housing	Aluminium alloy, powder-coated (grey)
Locking	Steel, zinc-plated
Housing seal	NBR
Gland body	-

Approvals

VDE-Approval, VDE-REG.-Nr.	B437
UL File Nummer	E75770
CSA File Nummer	053004

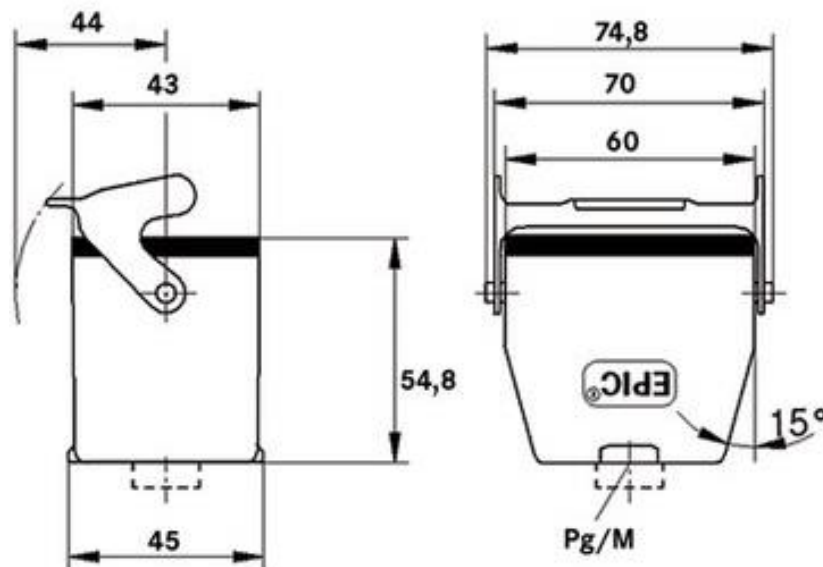


Standards

Safety standards IEC 61984; UL 1977; CSA-C22.2

Technical drawings

Housing dimensions

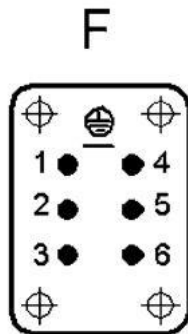


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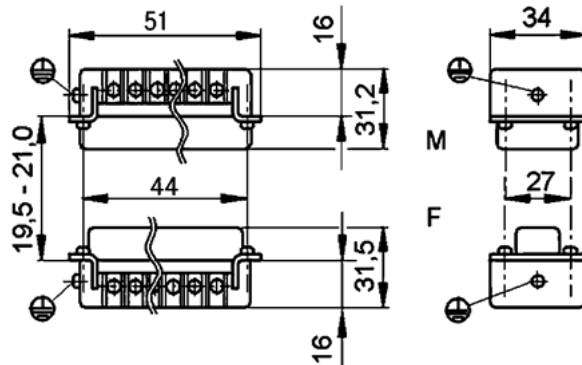
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Valid from: 25.02.2019	EPIC® Kit H-BE 6 BS TBF M20	

Insert

Pin assignment



Dimensions



Automation



Industrial machinery and plant engineering



Mechanical resistance



Robust



Waterproof



Temperature-resistant

Info

Universal, robust metal housings

Multifunctional insert for versatile applications

Application range

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