

**EPIC® H-A 3 AGSV M20 6-13mm****Article No.:** 19421900

Surface-mount base; Design size: 3A; Connection design: Standard; Single lever;  
Number of cable entries: 1; Polyamide, Uncoated; IP protection rating mounted: IP 65

**Details****Benefits**

- The EPIC® H-A 3 series includes the smallest housings in heavy-duty industrial connectors and ensures secure connections in the smallest possible space.
- Wide range of inserts available.
- "Agsv" variant made of lightweight and chemically resistant thermoplastic housing for safe connectors.
- "MAgsv" variant with robust die-cast zinc housing for reliable plug-in connections.
- VDE-tested quality.
- UL certification according to technical data enables the product to be used on the North American market.

**Application**

- For protecting the connector insert against environmental influences.
- For use with many EPIC® rectangular connector inserts.
- For connecting devices and machines to a power supply in various applications
- Suitable for outdoor use, subject to the temperature range.

**Notes**

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

### Remarks

### Technical Data

#### General information

Brand	EPIC®
Product type	Surface-mount base
Design size	3A
Delivery Unit	10

#### Electrical parameters

#### Product design

With cable gland	Yes
Number of cable entries	1 pc.
Number of cable entries at the top	0
Number of cable entries sideways	1
With levers	Yes
Locking mechanism	Single lever
Number of locking bolts	0
Total length	0.937 in
Overall width	0.937 in
Overall height	2.028 in
Thread type	Metric
Thread size	M 20
Type of housing	Surface-mount base

Connector housing design	Angled
With thread	Yes
With hinged lid	No
Connection design	Standard
With neck	No
Screen contact	No
EMC shielding	No
Min. cable clamping range	0.118 in
Cable clamping range max.	0.531 in
Material cable gland	Polyamide
Cable gland material, short form	PA
Housing main material	Polyamide
Housing base material, short form	PA
Housing coating	Uncoated
Lever material	Steel
Material sealing	Acrylonitrile butadiene rubber
Colour housing	gray
Housing RAL color	RAL 7035

#### Product features

Protection rating (IP), unmounted	IP 65
IP protection rating mounted	IP 65
Short term temperature peak	125 °C
Operating temperature max.	-40 °C
Operation temperature max.	100 °C
UV-resistant	No
Chemical resistant	No
Acid-resistant	No
Corrosion-resistant according to	DIN EN 6988
corrosion resistant	Yes
Halogenfree	No
Impact proof	Yes
Vibration protection	Yes

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**Certifications and standards**

CE marking	Yes
UR recognized	Yes
UR certification	according to UL 1977 (e-file number: E75770) according to UL 50E (e-file number: E75770)
UL category control number	ECBT2
cUR recognized	Yes
cUR certification	according to CSA C22.2 No. 182.3 (e-file number: E75770)
cUR category control number	ECBT8
CSA certified	No
VDE certified	Yes
VDE registration number	B437
Product standard according to IEC	IEC 61984
TÜV certified	No

**EPIC® H-A 3 AGSV**

Article No.	Name	Housing main material	Thread size	With neck	With cable gland	Min. cable clamping range	Cable clamping range max.	Number of cable entries at the top	Delivery Unit
19421900	EPIC® H-A 3 AGSV M20 6-13mm	Polyamide	M 20	No	Yes	0.118 in	0.531 in	0	10
19424500	EPIC® H-A 3 MAGSV M20 3-13.5 mm	Zinc alloy	M 20	No	Yes	0.118 in	0.531 in	0	10
19512700	EPIC® H-A 3 MAGS M20 ZW	Zinc alloy	M 20	Yes	No			0	10
19515200	EPIC® H-A 3 AGS M20 U.O.	Polyamide	M 20	No	No			1	10
19517200	EPIC® H-A 3 MAGS M20 U.O.	Zinc alloy	M 20	No	No			1	10

V1.1