

EPIC® ULTRA H-A 3 TGHV

Housing design H-B. The industry standard.

EPIC® Rectangular connector hood housing, high version, EMC protection, integrated SKINTOP® EMC gland, corrosion resistant, UL50E, Nema250

Info

EMC protection

Corrosion-resistant

Made in Germany



Supplementary automation components from Lapp



Food & Beverage



Mechanical and plant engineering



Rail



Wind Energy



Suitable for outdoor use



Good chemical resistance



Corrosion-resistant

Last Update (02.07.2025)

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

EPIC® ULTRA H-A 3 TGHV



Mechanical resistance



Assembly time



Space requirement



Robust



Integrated SKINTOP® cable gland



Interference signals



Waterproof

Benefits

The EPIC® ULTRA H-A 3 range comprises the smallest EMC housings in the heavy-duty industrial connector sector and ensures safe plug connections in a small amount of space.

The hood housing is mateable with many commercially available housings (panel-mount base, surface-mount base or coupler hood housings).

The integrated SKINTOP® cable gland is used for sealing and strain-relieving cable entry. Compared to enclosures where the cable gland is added separately, the overall size of the enclosure is more space-saving.

Corresponds to protection class IP 65 when locked.

Protection class classified according to NEMA 250 as well as tested according to UL50E.

The arrow as a new design element on the surface of the housing is easy to feel and simplifies plugging in spatially confined and possibly poorly visible application areas.

Application range

To protect the connector insert from environmental influences.

Especially for environments where the product is getting into contact with water, cleaning agents and saline substances.

Especially for environments where electromagnetic compatibility (EMC) is required.

For use with many EPIC® rectangular connector inserts.

Withstands high environmental and mechanical stresses.

Product features

Resistance to cyclic salt spray is tested according to IEC 68-2-52, severity level 2

Salt spray testing according to DIN EN ISO 9227, method NSS, period of test 480 hours

Corrosion-resistant according to DIN EN 6988

Delivery including stainless steel screw for the inserts

Technical Data

Classification ETIM 5:

ETIM 5.0 Class-ID: EC000437

ETIM 5.0 Class-Description: Housing for industrial connectors

Classification ETIM 6:

ETIM 5.0 Class-ID: EC000437

ETIM 5.0 Class-Description: Housing for industrial connectors

Material:

Zinc die-cast, nickel-plated

Sealing: CR

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Protection rating:	IP 66 / IP 68 1 meter / 10 hours (locked) NEMA 250, UL50E: 12, 4, 4X (latched)
VDE-tested:	UL: in preparation VDE: in preparation
Temperature range:	-40 °C to +100 °C, short-term up to +125 °C

Note

Photographs and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.



EPIC® ULTRA H-A 3 TGHV

Article number	Article description	Screening diameter (min)	Packaging unit
10423620	EPIC® ULTRA H-A 3 TGHV 6-13 BRUSH	6	10