NEUTRIK

NE8FAV-ESD

Vertical PCB mount RJ45 receptacle, A-Series cutout with latch lock, max. panel thickness 3 mm and asymmetric non-metallic push tab.

The etherCON Series is a ruggedized and lockable RJ45 connector system, optimized for pro audio, video and lightning network applications. The chassis connectors are shaped to fit into standardized panels out of the entertainment industry.

The all-plastic A-Series offers the most space saving and cost-effective design. Light ring for status indication, etc. Improved EMC and ESD performance via asymmetric non-metallic push.

Attention! Does not intermate with CAT6 cable connector NE8MC6-MO and NKE6S* cables.

Features & Benefits

✓ Accommodates rugged etherCON NE8MX* or any standard RJ45 plug

✓ Approved latch lock system

✓ Most space saving and cost-effective design

✓ Isolated to panel ground

✓ Housing flammability UL94 V-0

✓ CAT5e / Class D according to TIA/EIA 568C and ISO/IEC 11801

✓ Compound material improves ESD performance

 / 30.04.2025

NEUTRIK

✓ Vertical space saving compared to standard push tabs

✓ Matte color of push tab eliminates disturbing light reflections from a metal push tab

✓ Easier to use push tab with larger push area

✓ PoE type 4 class 8 (100W) acc. IEEE 802.3bt

Technical Information

Produkte	
Title	NE8FAH-ESD
Connection Type	RJ45
Number of contacts	8
Gender	Female

Elektrisch	
Contact resistance	< 50 mΩ
Dielectric strength	1 kVdc
Frequency range	1 - 100 MHz
Insulation resistance	> 0.5 GΩ
Rated current per contact	1,5 A
Rated voltage	≤ 57 V
Transmission performance	CAT5e acc. to TIA/EIA 568C channel specifications CLASS D acc. to ISO/IEC 11801 channel specifications
Power over Ethernet	PoE type 4 class 8 (100W) acc. IEEE 802.3bt

NEUTRIK

Mechanische Daten	
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Panel thickness	max. 3 mm (0.12")
Wiring	Horizontal PCB mount
Locking device	Latch lock
Mounting direction	Rear mounting
Chassis shape	A
Mounting	A-Screw

Material	
Contact plating	0.2 µm Au over Ni plating
Contacts	Bronze (CuSn8)
Insert	PBTP 15 % GR
Shell	PBTP 15 % GR

NEUTRIK

Umwelt	
Flammability according to UL 94	V-0
Protection class according to IEC 60529	IP 40
Pollution degree according to IEC 60664-1	Pollution degree 2
Solderability	Complies with IEC 60068-2-20
Temperature range	-30 °C to +80 °C
Maximum operating temperature	+40 °C
Standard compliance	ISO/IEC 11801-1 Ed. 1.0 (2017-11) IEC 60603-7-3 Ed.2.0 (2010-04) IEC 60512-99-002 Ed.2.0 (2022-01) IEC 60512-9-3 (2011-06)

NE8FAV-ESD / 30.04.2025 4/4