

EXH series

36 AWG individual strand

Description:

4-hole NEMA, extra-flexible braided connectors using 36 AWG individual wires in braid construction for extra flexibility. These connectors are made with tin- or silver-plated high-conductivity seamless 99.9% pure copper ferrules formed on each end. Individual pure wires used in braid are tinned prior to weaving so that maximum protection from corrosion is provided.

Application:

These highly flexible connectors are suitable wherever it is necessary to take up expansion, severe vibration and/or misalignment when connecting transformers, switchgear, generators or busbars.



Ordering information:

Length: Standard total lengths are 304 mm (12 in.). If different lengths are required, add your desired length in millimeters at the end of the part number. Ex.: EXH150A1406 (for 16 in. long)

Plating: Standard ferrules are electro-tin plated. Other options are available; please refer to page D4.

Extra-flexible connectors – 4-hole NEMA standard

Cat. no.	*Ampacity Δ 65 °C	No. of braids in assembly	W in. (mm)	F in. (mm)	S in. (mm)	H in. (mm)	T in. (mm)	Weight lb (g)
EXH140A1	1,400	4	3 (76)	3 (76)	1 $\frac{3}{4}$ (44)	$\frac{9}{16}$ (14)	$\frac{1}{4}$ (6.4)	1.91 (866)
EXH150A1	1,500	6	3 (76)	3 (76)	1 $\frac{3}{4}$ (44)	$\frac{9}{16}$ (14)	$1\frac{1}{32}$ (8.7)	2.57 (1,166)
EXH235A1	2,350	8	3 $\frac{3}{4}$ (96)	4 (101)	1 $\frac{3}{4}$ (44)	$\frac{9}{16}$ (14)	$\frac{3}{8}$ (9.5)	4.00 (1,814)
EXH245A1	2,450	12	3 $\frac{3}{4}$ (96)	4 (101)	1 $\frac{3}{4}$ (44)	$\frac{9}{16}$ (14)	$\frac{1}{2}$ (12.7)	5.32 (2,413)
EXH250A1	2,500**	16	3 $\frac{5}{8}$ (92)	4 (101)	1 $\frac{3}{4}$ (44)	$\frac{9}{16}$ (14)	$\frac{5}{8}$ (15.9)	6.60 (2,994)
EXH340A1	3,400**	30	4 (101)	4 (101)	1 $\frac{3}{4}$ (44)	$\frac{9}{16}$ (14)	$\frac{7}{8}$ (22.3)	11.36 (5,153)
EXH400A1	4,000**	40	4 (101)	4 (101)	1 $\frac{3}{4}$ (44)	$\frac{9}{16}$ (14)	1 $\frac{1}{8}$ (28.6)	15.57 (7,063)

*Temperature rise test per; CEI60694, IEEE / ANSI C37, 34 1994.

** For ampacity over 2,500 please contact your inside sale representative

Diagram

