

EXG series

36 AWG individual strand

Description:

3/2-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 99.9% pure copper ferrules formed on each end. Individual 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.: EXG140A1406 (for 16 in. long)

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



Extra-flexible connectors – 3/2-hole NEMA standard

Cat. no.	*Ampacity Δ 65 °C	W in. (mm)	F in. (mm)	S in. (mm)	H in. (mm)	F2 in. (mm)	S2 in. (mm)	T in. (mm)	Weight lb (g)
EXG090A1	900	2 (50.8)	4¾ (120.6)	1¾ (44.4)	⅞ (14.3)	3 (76.2)	1¾ (44.4)	¼ (6.3)	1.55 (703)
EXG090A2	900	2 (50.8)	4½ (114.4)	1½ (38.1)	⅞ (14.3)	3 (76.2)	1¾ (44.4)	¼ (6.3)	1.55 (703)
EXG140A1	1,400	1 ¾ (44.4)	4¾ (120.6)	1¾ (44.4)	⅞ (14.3)	3 (76.2)	1¾ (44.4)	½ (12.7)	2.17 (984)
EXG140A2	1,400	1 ¾ (44.4)	4½ (114.4)	1½ (38.1)	⅞ (14.3)	3 (76.2)	1¾ (44.4)	½ (12.7)	2.17 (984)
EXG165A1	1,650	2 (50.8)	4¾ (120.6)	1¾ (44.4)	⅞ (14.3)	3 (76.2)	1¾ (44.4)	½ (12.7)	2.69 (1,220)
EXG165A2	1,650	2 (50.8)	4½ (114.4)	1½ (38.1)	⅞ (14.3)	3 (76.2)	1¾ (44.4)	½ (12.7)	2.69 (1,220)

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

Diagram

