

SWA series

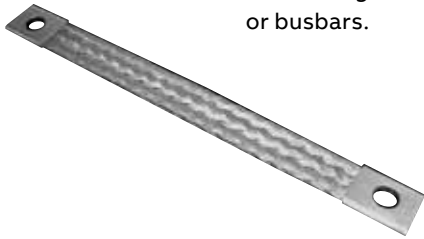
36 AWG individual strand

Description:

1-hole NEMA, flexible braided connectors using 30 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.: SWA100A3406 (for 16 in. long)

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

Standard flexible connectors – 1-hole NEMA standard

Cat. no.	*Ampacity Δ 65 °C	W in. (mm)	F in. (mm)	H in. (mm)	H2 in. (mm)	T in. (mm)	Weight lb (g)
SWA035A1	350	1¼ (31.8)	1½ (38.1)	⅞ (14.3)	⅞ (14.3)	¼ (6.3)	0.48 (218)
SWA035A2	350	1¼ (31.8)	1½ (38.1)	⅞ (14.3)	⅞ (11.1)	¼ (6.3)	0.48 (218)
SWA035A3	350	1¼ (31.8)	1½ (38.1)	⅞ (11.1)	⅞ (11.1)	¼ (6.3)	0.48 (218)
SWA055A1	550	1⅜ (34.9)	1½ (38.1)	⅞ (14.3)	⅞ (14.3)	⅜ (5.6)	0.63 (286)
SWA055A2	550	1⅜ (34.9)	1½ (38.1)	⅞ (14.3)	⅞ (11.1)	⅜ (5.6)	0.63 (286)
SWA055A3	550	1⅜ (34.9)	1½ (38.1)	⅞ (11.1)	⅞ (11.1)	⅜ (5.6)	0.63 (286)
SWA070A1	700	1½ (38.1)	1½ (38.1)	⅞ (14.3)	⅞ (14.3)	¼ (6.3)	0.95 (431)
SWA070A2	700	1½ (38.1)	1½ (38.1)	⅞ (14.3)	⅞ (11.1)	¼ (6.3)	0.95 (431)
SWA070A3	700	1½ (38.1)	1½ (38.1)	⅞ (11.1)	⅞ (11.1)	¼ (6.3)	0.95 (431)
SWA070A4	700	2 (50.8)	2 (50.8)	⅞ (14.3)	⅞ (14.3)	¼ (6.3)	0.95 (431)
SWA100A1	1,000	1¾ (44.4)	2 (50.8)	⅞ (14.3)	⅞ (14.3)	½ (12.7)	1.23 (558)
SWA100A2	1,000	1¾ (44.4)	2 (50.8)	⅞ (14.3)	⅞ (11.1)	½ (12.7)	1.23 (558)
SWA100A3	1,000	1¾ (44.4)	2 (50.8)	⅞ (11.1)	⅞ (11.1)	½ (12.7)	1.23 (558)

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

Diagram

