



Cable armour

1. Type and dimensions

The # symbol indicates the point to be cut and removed the end of cable armour.

- To ensure that the cable armour provides a steadfast seal, cut the armour at a point where its inner diameter is at least 1.5 mm smaller than the outer diameter of the connecting cable.

- Selecting a suitable point to cut the cable armour.

Example:

* Push button station Model SBN-2-W * Outer diameter of cable 11 mm

In this example, the cable armour should be cut at a point where the inner diameter is $11 - 1.5 = 9.5$ mm or less.

Cut the cable armour according to type A #3

Caution

Take care not to cut the cable armour with unsuitable size.

Applicable push button station Model	Type	Dimensions of inner diameter (mm)							
		#1	#2	#3	#4	#5	#6	#7	#8
SBN-2-W SBN-3-W SBN-4-W SBI-2-W SBI-3-W SBI-4-W SBIC-2-W SBIC-4-W SBIC-6-W	A(*)	6.5	8.0	9.5	11.0	12.5	14.0	15.5	
SBN-5-W SBN-6-W SBN-8-W (Alternate) SBI-5-W SBI-6-W	B(*)	11.5	13.0	14.5	16.0	17.5	19.0	20.5	
SBN-7-W SBN-8-W SBN-10-W SBI-7-W SBI-8-W SBI-10-W SBIT-8-W	C	13.5	15.0	16.5	18.0	19.5	21.0	22.5	24.0
SBN-12-W SBI-12-W	D	15.5	17.0	18.5	20.0	21.5	23.0	24.5	26.0

* Type A and type B can be exchange for each other.

Installation and operating instructions

- 1 Optional - Maximum ambient temperature rating: "40 degrees celsius" or equivalent
- 2 Marking for proper wiring connections: Use UL Listed/CSA approved closed loop crimp connectors and corresponding crimping tool.
- 3 Field wiring terminal marking for wire type: "Use copper conductors only." or equivalent
- 4 Temperature rating of field installed conductor: "Use 60 degrees celsius wire only." or equivalent
- 5 Wire range of field installed conductor: "AWG18 - 16" or equivalent
- 6 Tightening torque of wire binding screws of contact blocks: "10 - 12 lb-in. (1.2 - 1.4 N·m)" or equivalent
- 7 Information concerning voltage and make-and-break current ratings on pilot duty code designation "A300":
Make 60A, Break 6A at ac 120 Volts Make 30A, Break 3A at ac 240 Volts
- 8 Cable: "Use type SOW cable only." or equivalent
- 9 Tightening torque of front housing screws: "8.7 - 13 lb-in. (1.0 - 1.5 N·m)" or equivalent
- 10 Tightening torque of top cover screws: "17 - 22 lb-in. (2.0 - 2.5 N·m)" or equivalent