

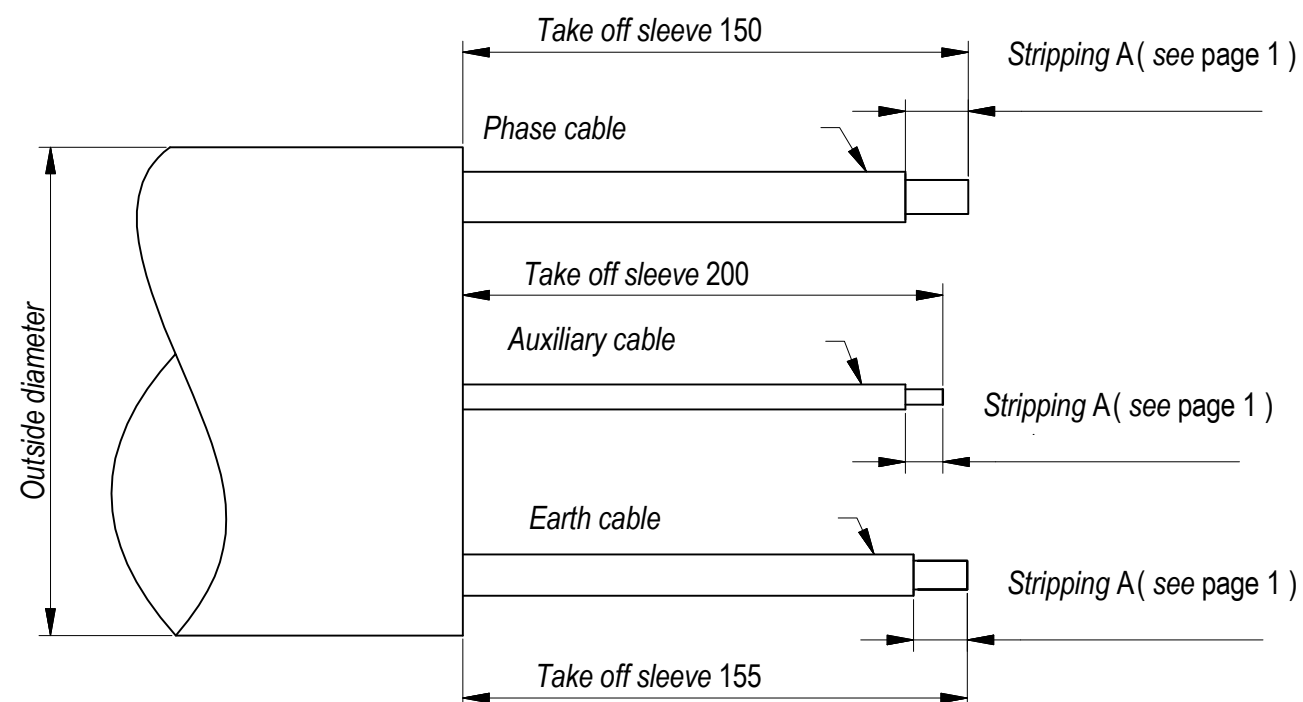
7	CONNECTOR CASING IP2X PHASE PIN CAL.16	31696-0000 12948-5000	1	
6	IP2X PHASE PIN CAL.12	12489-5000		
5	4+E IP2X MALE PIN CONTACT CARRIER	31236-0000	1	
	CABLE TERMINAL TO CRIMP OR SOLDER 185 <sup>2</sup>	13237-0110		32
	CABLE TERMINAL TO CRIMP OR SOLDER 150 <sup>2</sup>	11993-0110		35
	CABLE TERMINAL TO CRIMP OR SOLDER 120 <sup>2</sup>	11284-0110		35
	CABLE TERMINAL TO CRIMP OR SOLDER 95 <sup>2</sup>	11146-0110		32
3	AUXILIARY FEMALE CONTACT CAL.4	11657-5000	2	19
2	EARTH FEMALE CONTACT CAL.12	11282-5000	1	
	CABLE GLAND SEAL Ø73	12438-0000		
	CABLE GLAND SEAL Ø62	11286-0000		
	CABLE GLAND SEAL Ø55	11130-0000		
	CABLE GLAND SEAL Ø45	12521-0000		
	CABLE GLAND SEAL Ø35	12695-0000		
1	CABLE GLAND SEAL Ø30	12522-0000		
Ind	Description	Reference	Cont.	Strip. A

## ASSEMBLY INSTRUCTIONS

- 1- PREPARE THE CABLES AS SCHEME BELOW.
- 2- CRIMP OR SOLDER CABLE TERMINALS (4) ON PHASE CABLES AND EARTH CABLE [ TOOL Nr 6 AND 7 ].
- 3- UNSCREW HANDLE (7.4) [ TOOL Nr 3 ] AND CABLE GLAND (7.2).
- 4- IN THE ORDER, SLIDE CABLE GLAND (7.2), WASHER (7.3), SEAL (1) AND HANDLE (7.4) OVER THE CABLE.
- 5- ENGAGE EARTH CONTACT (2) IN THE HOLE OF EARTH EAR IN THE MIDDLE OF CONNECTOR (7).
- 6- PLACE CABLE TERMINAL (4) OF EARTH CABLE AT THE BACKSIDE OF EARTH CONTACT (2), SCREW CONTACT, WHEN CABLE TERMINAL HEXAGON TOUCH EARTH EAR OF CONNECTOR(7), PUSH IT INSIDE OF EARTH EAR TO BLOCK IT, THEN TIGHTEN CONTACT (2) ( TORQUE 20Nm ) [ TOOL Nr 1 AND 2 ].
- 7- REMOVE SCREWS OF CONTACTS (3) [ TOOL Nr 5 ], INTRODUCE CONTACTS IN FRONT OF IP2X MALE PIN CONTACT CARRIER (5). INTRODUCE PILOT CABLES IN BACKSIDE OF CONTACTS AND PUT SCREW IN CONTACTS THEN TIGHTEN [ TOOL Nr 5 ].
- 8- INTRODUCE EACH CABLE TERMINAL (4) AT THE BACKSIDE OF IP2X MALE PIN CONTACT CARRIER (5), HEXAGON OF CABLE TERMINAL MUST CORRESPOND WITH HEXAGON INSIDE OF THE IP2X MALE PIN CONTACT CARRIER, THEN SCREW CONTACTS (6) IN THE FRONT OF IP2X MALE PIN CONTACT CARRIER ( TORQUE 20Nm ) [ TOOL Nr 1 AND 2 ].
- 9- INTRODUCE IP2X MALE PIN CONTACT CARRIER (5) IN CONNECTOR (7) AND FIX HANDLE (7.4) [ TOOL Nr 3 ].
- 10- PLACE SEAL (1) AND WASHER (7.3) INTO HANDLE (7.4) THEN SCREW CABLE GLAND (7.2) TO BE WATERPROOF.
- 11- TIGHTEN SCREWS AND NUTS OF HALF CLAMPS (7.1) ON CABLE TO BLOCK CABLE GLAND (7.2) [ TOOL Nr 4 ].

### LIST OF TOOLS \*

- 1- TORQUE WRENCH FACOM REF. J.306A50
- 2- SOCKETS FACOM : 3/8" Nr17 REF: J.17
- 3- ANGLED SOCKET WRENCH OR OPEN END WRENCH 13mm
- 4- ANGLED SOCKET WRENCH OR OPEN END WRENCH 19mm
- 5- FLAT SCREWDRIVER Nr 3
- 6- CRIMPING TOOL KLAUKE HK 120 U
- 7- KLAUKE CRIMPING JAW: 95° REF: HNFF 13/95  
120° REF: HNFF 13/120  
150° REF: HNFF 13/150  
185° REF: HNFF 13/185°



\* TOOL REFERENCES ARE ONLY RECOMMENDED AND GIVEN AS EXAMPLES. TOOLS ARE NOT PROVIDED OR IMPOSED BY SCAME.

**SCAME**

S.p.A.

PARRE - (Bergamo)

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