

HBB AWG CRIMPING GUIDE

ASSEMBLY INSTRUCTIONS

DO NOT DISCARD, DELIVER TO MANUFACTURING.
NO DESECHE, ENTREFA A LA FEBRICACION.
INSTRUCTIONS DE MONTAGE, NE PAS JETER.
BITTE NICHT WE WERFEN, BITTE AN DIE PRODUCTION.



1. PRODUCT INFORMATION

P.N.	Stranding	Cable		
		Manufacturer	Cable Type	AWG
HBB-950-10-70-A	Standard Cable	Allied Wire & Cable	EP150-2/0	2/0
HBB-950-10-50-A	Standard Cable	Allied Wire & Cable	EP150-1/0	1/0
HBB-950-8-35-A	Standard Cable	Allied Wire & Cable	EP150-2	2
HBB-950-8-35-A	Fine Cable	Champlain Cable	EXRAD-XLX2X	2
HBB-950-10-50-A	Fine Cable	Champlain Cable	EXRAD-XLX1/OX	1/0

2. CRIMP EQUIPMENT & TOOLING

PRESS EQUIPMENT

Press equipment should be set up and operated per Daniels Manufacturing literature

P.N.	Description	Manufacturer
BM-2A	Adjustable Base Mount	Daniels Manufacturing Corporation
TBHD1M	Hydraulic Head Assembly	
HPU11M	Air Power Hydraulic Pump	

BM-2A



TBHD1M



HPU11M



CRIMP DIE SETS BY CONTACT TYPE

Lugs		Stranding		AWG	Cable P.N.		DMC Die Set #
HBB-950-10-70-A	HBB-950-8-70-A	Standard		2/0	EP150-2/0		HD12-108
HBB-950-10-50-A	HBB-950-8-50-A	Standard	Fine	1/0	EP150-1/0	EXRAD-XLX1/OX	HD12-106
HBB-950-10-35-A	HBB-950-8-35-A	Standard	Fine	2	EP150-2	EXRAD-XLX2X	HD12-104

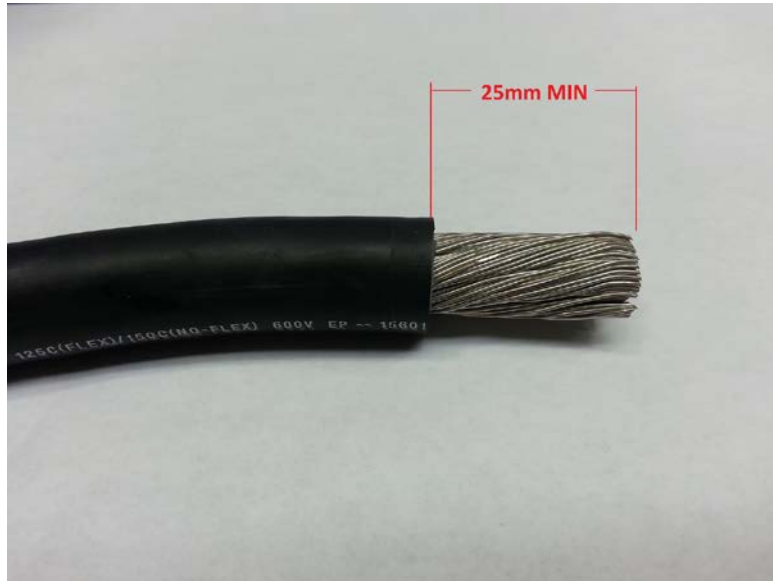
Socket		Stranding		AWG	Cable P.N.		DMC Die Set #
HBB-315-G		Standard		2/0	EP150-2/0		HD12-108
HBB-320-R	HBB-315-B	Standard	Fine	1/0	EP150-1/0	EXRAD-XLX1/OX	HD12-106
HBB-320-J		Standard	Fine	2	EP150-2	EXRAD-XLX2X	HD12-104

Pin		Stranding		AWG	Cable P.N.		DMC Die Set #
HBB-311-1000		Standard		2/0	EP150-2/0		HD12-108
HBB-319-0100	HBB-311-1000	Standard	Fine	1/0	EP150-1/0	EXRAD-XLX1/OX	HD12-106
HBB-319-0850		Standard	Fine	2	EP150-2	EXRAD-XLX2X	HD12-104

3. CRIMPING PROCEDURE *(Caution: please wear safety glasses)*

3.1 CABLE STRIPPING

3.1.1 Strip cable insulation down a minimum of 25mm per IPC-620R



3.1.2 Insert stripped end of cable into crimp barrel of contact. Make certain that conductive core is fully inserted into barrel



- 3.1.3** Insert crimp barrel into Die Set. Make sure that die set fully engages the crimp barrel.



- 3.1.4** Apply pressure via hydraulic pump per Daniels Manufacturing Corporation operating instructions.



- 3.1.5 Observe crimp to ensure that the edge of the crimp is within the edge of the contact crimp barrel as indicated below



SMITHS CONNECTORS

GLOBAL SUPPORT

AMERICAS

Costa Mesa, CA	1.714.371.1100
Hudson, MA	1.978.568.0451
Kansas City, KS	1.913.342.5544

EUROPE

France	33.2.32969176
Germany	49.991.250120
Italy	39.010.60361
United Kingdom	44.208.236.2400

ASIA

Shanghai, China	86.21.3318.4650
Suzhou, China	86.512.6273.1188
Singapore	65.6846.1655