



APPLIANCE WIRING MATERIAL

Subj.758 Section 1 Page 1213

Issued:1960-02-10

Revised:2012-03-14

Style 1213 Single Conductor with Extruded Insulation

Rating 105 deg C, Voltage not specified, Horizontal
flame, 60 deg C Oil.

Conductor 36 AWG - 12 AWG, solid or stranded round.

Insulation Extruded PTFE, 8 mils minimum average
thickness, 7 mils minimum thickness at any
point.

Standard Appliance Wiring Material UL 758.

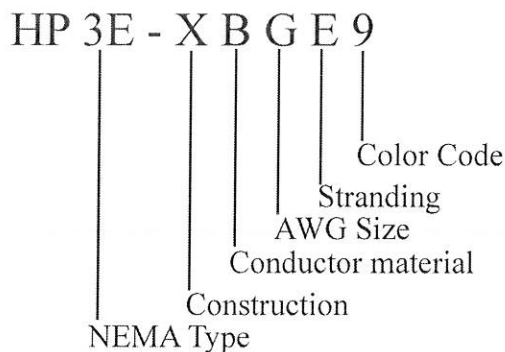
Marking General.

Use Internal wiring where not subjected to
mechanical abuse, Oil Resistant 60 deg C.

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NEMA HP3/HP4 REFERENCE GUIDE

replaces M16878



Construction

X = Extruded
W = Wrapped (HP3 only)

AWG Size

B	30
C	28
D	26
E	24
F	22
G	20
H	18
J	16
K	14
L	12
M	10
N	8
P	6
R	4
S	2
T	1
U	1/0
W	2/0
Y	3/0
Z	4/0

NEMA Type

HP3	Dielectric
E	PTFE
EE	PTFE
ET	PTFE
HP4	Dielectric
K	FEP
KK	FEP
KT	FEP

Conductor

B	Silver plated copper
C	Nickel plated copper
D	Silver plated high-strength alloy
E	Nickel plated high-strength alloy
F	Silver plated copper clad steel
G	Nickel plated copper clad steel
H	Tin plated copper (HP4 only)

Stranding

A	1
B	7
E	19
G	37
L	133
P	665
R	817
S	1045
T	1330
V	1665
W	2109

Color Code

0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Violet
8	Gray
9	White

*Constructions listed are those currently manufactured by Harbour Industries

Rev.	Change:	By:	Date:
B	General Format	SKW	3/18/2015



Construction:

OD (In.)

1 Conductor:	22 19/34 Silver Plated Copper (SPC)	0.0295" Nom.
Insulation:	Extruded Polytetrafluorethylene (PTFE)	0.050" Nom.
Color:	Per Order	
Surface Print:	N/A	

Physical Characteristics

1 Weight per 1000':	3.5	Lbs. nom.	
2 Operating temperature range:	105 °C for UL	150 °C for CSA	200 °C for NEMA
3 RoHS compliance:	Complies with RoHS (Directive 2002/95/EC)		
4 UL/CSA Rating:	UL1213/CSA		
5 NEMA Rating:	NEMA HP3-2012		

Harbour Industries
 4744 Shelburne Rd., Shelburne, VT 05482
 PH: 802-985-3311 Fax: 802-985-0726 www.harbourind.com



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Approved By: <i>M.T. Pimer</i>			
Date: 11/1/99	Part Number:	Rev:	Sheet:
Scale: None	J1352-* *Designates color	B	1 of 1
Drawing Name:	NEMA HP3-EXBFE* XE 22 19/34 Tagged UL1213/CSA		Drawing Number: 110199

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