

MALE END VIEW

GROUND CONNECTED TO HOUSING

V = BLUE
U = BLACK
W = RED
⊕ = GREEN/YELLOW

PANEL CUTOUT (TYPICAL)

30.0 [1.18]
32.0±0.1 [Ø1.26±0.004]
(4x) Ø4.2 [Ø0.17]

SPECIFICATIONS

CONTACT CARRIER MATERIAL	NYLON
CONTACT MATERIAL/PLATING	CuZn/GOLD
HOUSING MATERIAL/PLATING	BRASS/NICKEL
RATED CURRENT [A]	35.0 A
RATED VOLTAGE [V]	600 V
CONDUCTOR INSULATION MATERIAL	PVC
NUMBERS OF CONDUCTORS [AWG]	4x8 AWG
TEMPERATURE RATING	-40°C to +105°C (-40°F to +221°F)
PROTECTION CLASS	IEC IP67

30.0 [1.18]
30.0 [1.18]
Ø4.2 [Ø0.17]

53.7 [2.11] REF.
47.1 [1.85] REF.
10.0 [0.39]
* METERS
SEE NOTE 1

M40x1.5

CABLE LENGTH	TOLERANCE *
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE *
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm
* UNLESS OTHERWISE SPECIFIED	

CAUTION:

RISK OF ELECTRICAL SHOCK
DO NOT DISCONNECT UNDER LOAD

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. "*" INDICATES LEAD LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.

2. "/S1294" DESIGNATES USA, THREE PHASE, AC, LOW VOLTAGE, COLOR CODE.

B	UPDATED GRN CONDUCTOR TO GRN/YEL PER ECO	TV	09/18/17	62031
REV	DESCRIPTION	BY	DATE	ECO NO.

RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION

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DRFT RDS
APVD C.K.

DATE 02/06/15
SCALE 1=1.3

UNIT OF MEASUREMENT
MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

3000 CAMPUS DRIVE
MINNEAPOLIS, MN 55441
1-800-544-7769
(763) 553-7300
(763) 553-0708 fax
www.turck.us

DESCRIPTION
HSFF 4800-*/S1294

IDENTIFICATION NO.

REV
B

FILE: 777034690

SHEET 1 OF 1