

MALE END VIEW

1 = N/C

2 = GREEN (BUS_A)

3 = N/C

4 = RED (BUS_B)

5 = BARE (SHIELD)

FEMALE END VIEW

1 = N/C

2 = GREEN (BUS_A)

3 = N/C

4 = RED (BUS_B)

5 = BARE (SHIELD)

WIRING DIAGRAM

SPECIFICATIONS

CONTACT CARRIER MATERIAL	NYLON OR TPU
MOLDED HEAD MATERIAL/COLOR	TPU/BLACK
CONTACT MATERIAL/PLATING	BRASS/GOLD
COUPLING NUT MATERIAL/PLATING	BRASS/NICKEL
RATED CURRENT [A]	150 mA (PINS 2,4), 4.0 A (PIN 5)
RATED VOLTAGE [V]	150 V (PINS 2,4), 250 V (PIN 5)
OUTER JACKET MATERIAL/COLOR	PVC/VIOLET
CONDUCTOR INSULATION MATERIAL	POLYETHYLENE
NUMBER OF CONDUCTORS [AWG]	2x22 AWG, 22 AWG DRAIN
SHIELDING	ALUM. MYLAR AND TINNED-COPPER BRAIDED
TEMPERATURE RANGE	-40°C to +80°C (-40°F to +176°F)
PROTECTION CLASS	MEETS IEC IP60

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

NOTES:

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

RELATED DOCUMENTS

3RD ANGLE PROJECTION

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DRFT RDS

APVD

DATE 03/02/06

SCALE 1=1.5

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

TURCK

DESCRIPTION
VB2-FSW/RSSW RKSX 455-*M-*M

IDENTIFICATION NO.

REV
F

F	UPDATED WIRING DIAGRAM	AS	08/03/23	78977
REV	DESCRIPTION	BY	DATE	ECO. NO.