



1. SILICONE SEALING RING
2. NYLON AND THERMOPLASTIC ELASTOMERE CHUCK RING
3. COPPER FREE ALUMINIUM BODY*
4. COPPER FREE ALUMINIUM GLAND NUT*
5. SILICONE O-RING

*FOR STAINLESS STEEL 316L, ADD SUFFIX "SS" TO CAT.NO.
EX: ISR050-053SS

CERTIFICATIONS:

CSA 14.70009467X Ex e IIC Gb Ex ta IIIC Da IP66
CLI DIV2 ABCD CLII DIV1 EFG CLIII DIV1 TYPE 4X

0518 II 1D 2G SIRA 14ATEX3238X
Ex e IIC Gb Ex ta IIIC Da IP66
IECEX CSA 14.0035X

CLASS I ZONE 1 AEx e IIC, ZONE 20 AEx ta, IP66
SUITABLE FOR CLASS I, II, III DIV 2 per NEC, TYPE 4X

TEMPERATURE RATING: -50°C (-58°F) TO +110°C (+230°F)

CAT. NO.	MIN. CABLE	MAX. CABLE	Ø D	HEX	A	B	THREAD
ISR050-053	0.325 [8.25]	0.525 [13.34]	1.350 [34.29]	1.250 [31.75]	1.650 [41.91]	0.620 [15.75]	1/2-14 NPT
ISR050-062	0.425 [10.79]	0.620 [15.75]	1.500 [38.10]	1.375 [34.93]	1.683 [42.75]	0.620 [15.75]	1/2-14 NPT
ISR075-062	0.425 [10.79]	0.620 [15.75]	1.625 [41.28]	1.500 [38.10]	1.683 [42.75]	0.630 [16.00]	3/4-14 NPT
ISR075-082	0.585 [14.86]	0.815 [20.70]	1.700 [43.18]	1.594 [40.49]	1.790 [45.47]	0.630 [16.00]	3/4-14 NPT
ISR100-102	0.785 [19.94]	1.025 [26.04]	1.900 [48.26]	1.760 [44.45]	1.818 [46.18]	0.785 [19.94]	1-11.5 NPT
ISR125-122	0.985 [25.02]	1.215 [30.86]	2.320 [58.93]	2.190 [55.63]	1.993 [50.62]	0.810 [20.57]	1.25-11.5 NPT
ISR125-137	1.185 [30.10]	1.370 [34.80]	2.320 [58.93]	2.190 [55.63]	1.918 [48.72]	0.810 [20.57]	1.25-11.5 NPT
ISR150-156	1.335 [33.91]	1.550 [39.37]	2.580 [65.53]	2.375 [60.33]	1.945 [49.40]	0.825 [20.96]	1.50-11.5 NPT
ISR200-179	1.525 [38.73]	1.785 [45.34]	3.012 [76.50]	2.868 [72.85]	2.017 [51.23]	0.860 [21.84]	2-11.5 NPT
ISR200-206	1.755 [44.58]	2.055 [52.20]	3.200 [81.28]	3.000 [76.20]	2.010 [51.05]	0.860 [21.84]	2-11.5 NPT

GENERAL NOTES

1. ALL DIMENSIONS ARE FOR REFERENCE ONLY.
2. DIMENSIONS IN BRACKETS [] ARE IN METRIC UNITS.

www.tnb.com

Thomas & Betts

A Member of the ABB Group

DESCRIPTION:

ISR
NPT VERSION

REVISIONS

- SEE ERN ()
FOR APPROVAL SIGNATURES
& RELEASE DATE.
PROJECT NO:

ORIGINAL PROJECT NO / (ERN NO)

303M001060 / (2017384)

SHEET NO:

1 OF 1

REV. NO:

-

DRAWING NO:

WSD-001684