

Raxton Earth Lead Adaptors & Threaded Earth Plates

Technical Specification



Earth Lead Adaptors (Type DG) allow for earth continuity to be maintained by providing an earth lead which can be terminated inside the enclosure.

Threaded earth plates (Type DK) are designed to ensure earth continuity when terminating brass glands into non-metallic enclosures. The additional use of a locknut is recommended to ensure pressure is maintained with the wall enclosure.

Certifications and Compliances - Earth Lead Adaptors

Code of Protection Categories

ATEX: I M2, Ex e I Mb or II G D, Ex e IIC Gb, Ex IIIC tb Db

IECEX: Ex d I/IIC Mb/Gb, Ex E I/IIC Mb/Gb, Ex IIIC tb Db

GOST: ExellU

INMETRO: Ex e IIC Gb, Ex tb IIIC IP66/67

Compliance Standards

ATEX / GOST: EN 60079-0:2009, EN 60079-7:2007,

EN 60079-31:2008

INMETRO: ABNT NBR IEC 60079-0:2008, ABNT NBR IEC 60079-1:2009,

ABNT NBR IEC 60079-7:2008, ABNT NBR IEC 60079-31:2011

IECEX: IEC 60079-0:2007-10, IEC 60079-1:2007-04,

IEC 60079-7:2006-07, IEC 61241-1:2004

Certificate Details

ATEX: Sira 10ATEX1225X

IECEX: IECEX SIR 12.0014X

GOST: TC RUC-G B.ГБ06.B.00105

INMETRO: NCC 12.0764X

TEMPERATURE

The item is classified as a component and is therefore not given a temperature rating, The 'O' ring has an operating temperature of -30°C to 125°C.

Certifications and Compliances - Threaded Earth Plates

Code of Protection Categories

ATEX: II 2GD, Ex e II

Compliance Standards

ATEX EN 50014:1997, EN50018:2000,

EN 50019:2000, EN50281-1-1:1998

Certificate Details

ATEX: Sira 00ATEX1073U

TEMPERATURE

The item is classified as a component and is therefore not given a temperature rating.

Product Codes

DIGIT 1+2	DIGIT 3	DIGIT 4 & 5 Male	DIGIT 6 & 7 Female	DIGIT 8	DIGIT 9	DIGIT 10	
Description (Earth Accessories)	Code	Material	Code	Thread Reference	Approval	Special	Plating
ADAPTOR M-F	DG	BRASS	A	M16 11 ½" NPT	ATEX Exe	None (standard)	None
PLATE	DK	ALUMINIUM	B	M20 12 ¾" NPT	IECEX Exe I/II	Customer Special	Nickel
		MILD STEEL	C	M25 13 1" NPT	For other approvals please see product coding list on page 64	X or blank	Zinc
		STAINLESS STEEL	E	M32 14 1¼" NPT			Chromatised
				M40 15 1½" NPT			Special
				M50 16 2" NPT			
				M63 17 2½" NPT			
				M75 18 3" NPT			
				M90 81 3½" NPT			
				M100 82 4" NPT	Industrial	X or Blank	

Other sizes / threads are available on request



Product Dimensions - Earth Lead Adaptors

Earth Lead Adaptor	Length (mm)	Earth Lead x 300mm (mm2)
M16	38.0	2.5
M20	38.0	2.5
M25	38.0	4.0
M32	38.0	6.0
M40	39.0	10.0
M50	39.0	16.0
M63	39.0	25.0
M75	39.0	25.0

Product Dimensions - Threaded Earth Plates

Thread Earth Plate	Length (mm)	Earth Lead x 300mm (mm2)
M16	22.0	2.5
M20	30.0	2.5
M25	32.0	4.0
M32	38.0	6.0
M40	50.8	10.0
M50	63.5	16.0
M63	76.0	25.0
M75	102.0	25.0

PRODUCT CODING EXAMPLE

EL Adaptor	Brass	M20(M)	M20(F)	Ex e	PART NUMBER
DG	A	12	12	E	= DGA1212E