

Stopping plugs - type CQ

Technical specification



The comprehensive Raxton range of stopping plugs are designed to close off any unused entries in electrical equipment, whilst maintaining existing certification and ingress protection.

Type CQ dome head stopping plugs

Type CQ dome head stopping plugs can be offered as an alternative to the hex head stopping plug and are inserted from the outside of the equipment and tightened by means of an Allen or hex key.

Type CQ dome head stopping plugs are available as metallic Ex d/Ex e or nylon Ex e versions. The nylon version is supplied with an undercut and EPDM O-ring as standard.

All Raxton stopping plugs are marked with the appropriate approval numbers and size.

Type CQ plugs (metallic) - certifications and compliances

Code of protection categories

ATEX: I M2, Ex d IMb, Ex e I Mb, or II GD, Ex d IIC Gb, Ex e IIC Gb, Ex tb IIIC Db

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

CSA: Ex d IIC Class 1, Zone 1, AEx d IIC

GOST: Exdel/IICU, ExdelICU, ExellU

INMETRO: Ex de I/IIC Mb/Gb, Ex tb IIIC IP66/67 (brass and stainless)

Ex de IIC Gb, Ex tb IIIC IP66/67 (aluminium)

NEPSI: Ex d II C Gb, Ex e II C Gb, DIP A21 Ta IP6X

Compliance standards

ATEX / GOST: EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31

INMETRO: ABNT NBR IEC 60079-0, ABNT NBR IEC 60079-1, ABNT NBR IEC 60079-7, ABNT NBR IEC 60079-31

NEPSI: GB 3836.1, GB 3836.2, GB 3836.3, GB 12476.1

IECEX: IEC 60079-0, IEC 60079-1, IEC 60079-7

CSA: AN/CSA-E79-0, CAN/CSA-E79-1, UL 2279, IEC 60079-0, IEC60079-1

Certificate details

ATEX: Sira 10ATEX1224X, ITS16ATEX101335X

IECEX: IECEX SIR 070009X, IECEX ITS16.0012X

CSA: CSA 200455-1003277

NEPSI: GYJ13.1311X

GOST: TC RUC-G B.ГБ06.B.00105

INMETRO: NCC 12.0764X

Type CQ plugs (nylon) - certifications and compliances

Code of protection categories

ATEX: II 2 GD, Ex e IIC Gb, Ex tb IIIC Db

IECEX: Ex e IIC Gb, Ex tb IIIC Db

GOST: ExellU (not type CS)

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

NB: M16 has ATEX approval only

Compliance standards

ATEX / GOST: EN 60079-0, EN 60079-7, EN 60079-31

INMETRO: ABNT NBR IEC 60079-0, ABNT NBR IEC 60079-7, ABNT NBR IEC 60079-31

IECEX: IEC 60079-0, IEC 60079-7, IEC 60079-31

Certificate details

ATEX: Sira 10ATEX1225X, ITS16ATEX101335X, Sira 00ATEX1073U (M16 nylon only)

IECEX: IECEX SIR 12.0014X, IECEX ITS16.0012X

GOST: TC RUC-G B.ГБ06.B.00105

INMETRO: NCC 12.0764X



Product dimensions

Thread	Dome head Allen/hex key aperture (mm)	Dome head diameter (mm)
M16	6.0	20.5
M20	10.0	25.0
M25	10.0	30.0
M32	10.0	38.0
M40	19.0	46.0
M50	19.0	56.0
M63	19.0	69.0
M75	19.0	81.0

Other sizes / threads are available upon request.

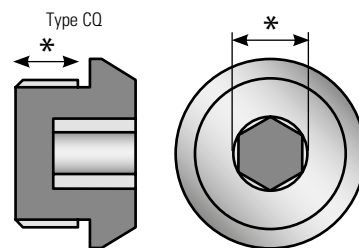
Temperature

The item is classified as a component and therefore metallic products are not given an operating temperature range.

Nylon temperature range: -20°C to +65°C; O-ring -30°C to +125°C.

Ingress protection (IP):

Tested to IP68.



* Minimum 8 full threads parallel, 5 full threads taper. (Exd)

PRODUCT CODING EXAMPLE

Dome head plug	Brass	M25 (M)	-	Exd / Exe	PART NUMBER
CQ	A	13	00	Y	= CQA1300Y

For full product coding details, consult page 29.