

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



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Type CQ plugs - certifications and compliances



Code of protection categories

ATEX: I/II 2 GD, Ex db I/IIc Mb/Gb, Ex eb I/IIc Mb/Gb (Nylon not Gr I)
Ex tb IIIC Db IP66

IECEX / INMETRO /

EAC: Ex d I/IIc Mb/Gb, Ex e I/IIc Mb/Gb, Ex tb IIIC Db IP66

CSA (not for Nylon) CI I Zn 1 AEx db IIC Gb, Ex db IIC Gb (see certificate for threadforms & material details)

CCC: Ex d IIC Gb, Ex e IIC Gb, Ex tD A21 IP6X

Compliance standards

ATEX / EAC: 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

IECEX: IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31

CSA (not for Nylon) CSA-C22.2 No. 60079-0, CSA-C22.2 No. 60079-1
ANSI/UL 60079-0, ANSI/UL 60079-1

CCC: GB 3836.1-2010, GB 3836.2-2010, GB 3836.3-2010,
GB 12476.1-2013, GB 12476.5-2013

Certificate details

ATEX: ITS16ATEX101335X

IECEX: IECEX ITS16.0012X

CSA: 200455-1003277 (brass and stainless only)

EAC: TC RUC-G B.MH062.B.06226

INMETRO: NCC 18.0133X

CCC: 2020322313001352

* Ex db I Mb, Ex eb I Mb (except for aluminum & nylon)

Temperature

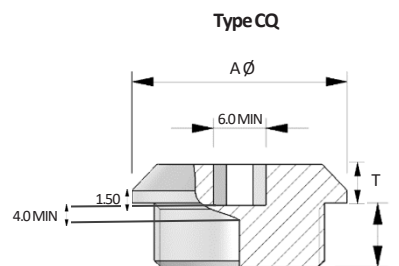
The item is classified as a component and therefore metallic products are not given an operating temperature range.

Ingress protection (IP):

IP66/68 (according to manufacturer's instructions)

Thread	F A/F + .3 - .0 (mm)	A Ø (mm)	Head depth T (mm)	Thread length L (mm)
M16	6.0	20.0	5.0	15.0
M20	10.0	25.0	5.0	15.0
M25	10.0	30.0	5.0	15.0
M32	10.0	38.0	5.0	15.0
M40	19.0	46.0	5.0	15.0
M50	19.0	57.0	5.0	15.0
M63	19.0	70.0	5.0	15.0
M75	19.0	82.0	5.0	15.0

Other sizes / threads are available upon request.



Type CQ

Stopping plugs – Product coding

DIGIT 1+2		CODE
Product	Description	
PLUGS	RX (External Accessible)	CB
	TAMPERPROOF (Internal Accessible)	CF
	HEX HEAD	CK
	HEX HEAD (Hollow)	CY
	DOME HEAD	CQ

Glass filled Nylon available in CQ type only

DIGIT 3	CODE
MATERIAL	
BRASS	A
ALUMINUM	B
STEEL	C
STAINLESS STEEL	E
GLASS FILLED NYLON	M

DIGIT 8 (APPROVAL)	CODE
Exd/Exe	Y
Nylon (Exe only)	E
None	F

DIGIT 9 (Undercut)	CODE
Yes	U
None	X or Blank

DIGIT 10 (PLATING)	CODE
None	Blank
Nickel	N
Zinc	Z

DIGIT 4+5 (Male thread)						DIGIT 6+7 (Female thread)							
THREAD REFERENCE TABLE													
ISOMETRIC		NPT		BSPT		BSPP		NPSM		PG		ET	
SIZE	CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE
M12	04	½"	42	½"	52	½"	62	½"	72	PG7	20	¾"	31
M16	11	¾"	43	¾"	53	¾"	63	¾"	73	PG9	21	¾"	32
M20	12	1"	44	1"	54	1"	64	1"	74	PG11	22	1"	33
M25	13	2"	47	2"	57	2"	67	2"	77	PG21	25	2"	36
M32	14	3"	49	3"	59	3"	69	3"	79	PG36	27	3"	38
M40	15	4"	87	SPECIAL	50	SPECIAL	60	4"	70	PG48	29		
M50	16	SPECIAL	40					SPECIAL	70				
M63	17												
M75	18												
M80	80												
M90	81												
M100	82												
SPECIAL	10												

NOTE: Male thread is always quoted First (Digit 4+5) followed by the Female thread (Digit 6+7)
 Other threads are available, please consult the sales department
 Digit 8 Approval
 Digit 9: U = Undercut Otherwise Blank or use X if Plating is required
 Digit 10 (Plating) is Blank if no plating is required

EXAMPLES							
Product	Material	Male thread	Female thread	Approval	Undercut	Plating	
Plug	Brass	½" NPT	N/A	Exd/Exe	None	Nickel	Part Number
CQ	A	42	00	Y	X or Blank	N	CQA4200YXN
Plug	GF Nylon	M20	N/A	Exe	Yes	None	Part Number
CQ	M	12	00	E	U	Blank	CQM1200EU