

Ex d II B Flameproof Enclosure



- Flameproof aluminium enclosures for utilization with non Ex-approved electrical components
- Possible connection with Ex e terminal enclosures
- II B Version

Technical Data

Approvals

ATEX, Gost R

Explosion protection

⊕ II 2 G

⊕ II 2 D

Ex d, Ex d[ia] II B

Certificates

INERIS - 00 ATEX 0021 X

Material

Copper free aluminium

Colour

RAL 7035, grey

Ingress protection

IP 65 / IP 67 to EN 60529 on request

Temperature range

-50°C to +55°C / Ex-d IIB T6/T5/T4

-50°C to +40°C / Ex-d (ia) IIB T6

-50°C to +40°C / Ex-d (ib) IIB T6

-50°C to +55°C / Ex-d IIB+H2 T6/T5/T4

-50°C to +40°C / Ex-d (ia) IIB+H2 T6

-50°C to +40°C / Ex-d (ib) IIB+H2 T6

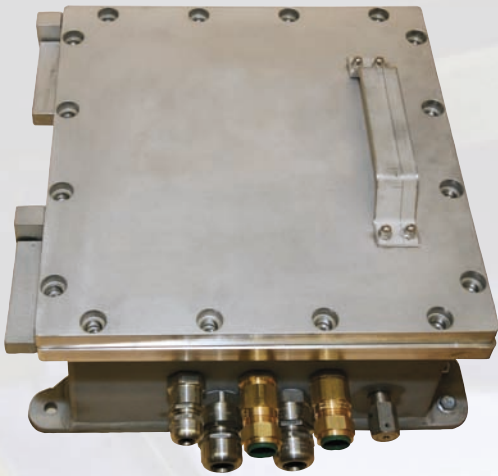
Ex d II B Flameproof Enclosures

Type

	Description	Height - internal	Width	Depth	Height - external	Width	Depth
40.00 10 01	EJB 2	168 mm	230 mm	135 mm	238 mm	298 mm	174 mm
40.00 10 02	EJB 3	167 mm	340 mm	136 mm	238 mm	412 mm	177 mm
40.00 10 03	EJB 4	220 mm	335 mm	132 mm	302 mm	418 mm	175 mm
40.00 10 04	EJB 5	210 mm	392 mm	182 mm	300 mm	480 mm	232 mm
40.00 10 05	EJB 6	310 mm	387 mm	186 mm	408 mm	483 mm	238 mm
40.00 10 06	EJB 8	262 mm	530 mm	204 mm	365 mm	634 mm	254 mm
40.00 10 07	EJB 9	363 mm	426 mm	204 mm	468 mm	535 mm	257 mm
40.00 10 08	EJB 10	250 mm	630 mm	234 mm	366 mm	750 mm	292 mm
40.00 10 09	EJB 11	394 mm	483 mm	204 mm	505 mm	596 mm	267 mm
40.00 10 10	EJB 12	335 mm	690 mm	243 mm	455 mm	805 mm	310 mm
40.00 10 11	EJB 13	500 mm	723 mm	236 mm	607 mm	832 mm	314 mm
40.00 10 12	EJB 3a	167 mm	340 mm	158 mm	238 mm	412 mm	199 mm
40.00 10 13	EJB 13a	500 mm	723 mm	322 mm	607 mm	832 mm	400 mm



Ex d II B Flameproof Enclosure



- Flameproof stainless steel enclosures for utilization with non Ex-approved electrical components
- Possible connection with Ex e terminal enclosures
- II B Version

Technical Data

Approvals

ATEX, Gost R

Explosion protection

⊕ d II B T6-T4

⊕ II 2 G or II 2 (1/2) G + M1

Certificates

NEMKO 03ATEX264U

Temperature range

-50°C to +60°C (Temperature class T6)

Material

acid resistant stainless steel S5316

Surface

glass bead pearled

Ingress protection

IP 66 to EN 60529 (IP 67 and IP 68 on request)

Ex d II B Flameproof Enclosures

Type

	Description	Height - internal	Width	Depth	Height - external	Width	Depth
40.00 14 01	TNBCD 262531	226 mm	216 mm	265 mm	300 mm	290 mm	315 mm
40.00 14 02	TNBCD 323321	286 mm	296 mm	165 mm	360 mm	370 mm	215 mm
40.00 14 03	TNBCD 453535	416 mm	316 mm	305 mm	490 mm	390 mm	355 mm
40.00 14 04	TNBCD 573835	525 mm	326 mm	305 mm	615 mm	420 mm	355 mm



Ex d II C Flameproof Enclosure



- Flameproof aluminium enclosures for utilization with non Ex-approved electrical components
- Possible connection with Ex e terminal enclosures
- II C Version

Technical Data

Approvals

ATEX, Gost R

Explosion protection

⊕ II 2 G / 2 D

Ex d, Ex d[ia] II C

Certificates

INERIS - ATEX 0033 X

Material

Copper free aluminium

Temperature range

-50°C to +55°C / Ex-d IIC T6/T5/T4

-50°C to +40°C / Ex-d (ia) IIC T6

-50°C to +40°C / Ex-d (ib) IIC T6

Colour

RAL 7035, grey

Ingress protection

IP 66 / IP 67 to EN 60529 on request

Ex d II C Flameproof Enclosures

Type

	Description	Height - internal	Width	Depth	Height - external	Width	Depth
40.00 12 02	GUB 1	139 mm	139 mm	62 mm	169 mm	169 mm	152 mm
40.00 12 03	GUB 2	160 mm	160 mm	63 mm	190 mm	190 mm	164 mm
40.00 12 04	GUB 3	180 mm	180 mm	78 mm	210 mm	210 mm	179 mm
40.00 12 05	GUB 4	251 mm	202 mm	97 mm	281 mm	232 mm	206 mm
40.00 12 06	GUB 5	268 mm	227 mm	106 mm	298 mm	257 mm	222 mm
40.00 12 07	GUB 6	295 mm	259 mm	140 mm	329 mm	280 mm	248 mm

Ex d II C Flameproof Enclosure



- Flameproof stainless steel enclosures for utilization with non Ex-approved electrical components
- Possible connection with Ex e terminal enclosures
- II C Version

Technical Data

Approvals

ATEX

Explosion protection

Ⓢ d II C T6-T4

Ⓢ II 2 G or II 2 (1/2) G + M1

Certificates

NEMKO 03ATEX263U

Temperature range

-20°C to +60°C (Temperature class T6)

Material

acid resistant stainless steel S5316

Surface

glass bead pearled

Ingress protection

IP 66 to EN 60529 (IP 67 on request)

Ex d II C Flameproof Enclosures

Type

	Description	Height - internal	Width	Depth	Height - external	Width	Depth
40.00 13 01	TNCD 191918	170 mm	170 mm	131 mm	190 mm	190 mm	213 mm
40.00 13 02	TNCD 282827	260 mm	260 mm	217 mm	280 mm	280 mm	300 mm
40.00 13 03	TNCD 383827	360 mm	360 mm	217 mm	380 mm	380 mm	300 mm
40.00 13 04	TNCD 575727	550 mm	550 mm	213 mm	570 mm	570 mm	300 mm

