

Ex d II B Flame proof enclosures EJB



- Ex d flame proof aluminium diecast enclosures for installation of non Ex approved equipment
- Possible combination of Ex e connection departments
- Execution II B



Technical Data

Explosion protection

⊕ II 2 G Ex dII B + H2

⊕ II 2 D Ex tD A21

Ex d, Ex d[ia] II B

Certificates

BKI 08 ATEX 019; IECEX BKI 09.0005; GOST-R: POCC IT.ГБ05.В02537; No. 07/43-269

Material

copper free aluminium (Cu < 0,1 %)

Colour

RAL 7035, grey

Ingress protection

IP 66 to EN 60529

Temperature range

Standard: -20°C to +40°C

Optional: -50°C to +130°C

Included in delivery

Enclosure system consisting of base and lid with screws, external earth connection, hinge, mounting plate and external brackets

Product range

Order No.	Type	Internal dimensions (mm) H x W x D	External dimensions (mm) H x W x D
40.00 20 01	EJB 11	115 x 115 x 90	175 x 175 x 125
40.00 20 02	EJB 21	217 x 175 x 122	285 x 245 x 169
40.00 20 03	EJB 22	240 x 140 x 130	300 x 200 x 177
40.00 20 04	EJB 30	340 x 245 x 120	415 x 315 x 168
40.00 20 05	EJB 31	340 x 245 x 200	415 x 315 x 250
40.00 20 06	EJB 51	495 x 295 x 203	568 x 365 x 257
40.00 20 07	EJB 61	595 x 395 x 310	670 x 470 x 360
40.00 20 08	EJB 63	595 x 395 x 184	670 x 470 x 235
40.00 20 09	EJB 71	645 x 445 x 360	742 x 572 x 425
40.00 20 10	EJB 91	830 x 530 x 370	960 x 660 x 460
40.00 20 11	EJB 2	327 x 218 x 152	365 x 255 x 193
40.00 20 12	EJB 3	440 x 282 x 168	468 x 310 x 210
40.00 20 13	EJB 4	458 x 346 x 217	492 x 380 x 270
40.00 20 14	EJB 6	564 x 184 x 260	610 x 415 x 327

Accessories

Optional internal painting: anticondensate painting orange RAL 2004

O-ring gaskets on cover

Glass window on cover

Drain plugs

Ex d II C Flame proof enclosures GUB



- Ex d flame proof enclosures from material aluminium for installation of non Ex approved equipment
- Possible combination of Ex e connection departments
- Execution II C



Technical Data

Explosion protection

Ex II 2 G Ex D II C

Ex II 2 D Ex tD A21

Ex d, Ex d[ia] II C

Certificates

BKI 08 ATEX 048; IECEX BKI 09.0004; GOST-R: POCC IT.ГБ05.В02537; No. 07/43-269

Material

copper free aluminium (Cu < 0,1 %)

Colour

RAL 7035, grey

Ingress protection

IP 66 to EN 60529

Temperature range

without window:

Standard: -20°C to +80°C

Optional: -60°C to +130°C

with window:

Standard: -50°C to +80°C

Included in delivery

Enclosure system consisting of base and lid, external earth connection and mounting plate

Product range

Order No.	Type	Internal dimensions (mm) H x W x D	External dimensions (mm) H x W x D
40.00 22 01	GUE 1	110 x 110 x 45	135 x 135 x 93
40.00 22 02	GUB 0	140 x 140 x 80	168 x 168 x 123
40.00 22 03	GUB 1	170 x 170 x 90	198 x 198 x 132
40.00 22 04	GUB 02	207 x 252 x 100	235 x 280 x 150
40.00 22 05	GUB 03	248 x 273 x 125	280 x 305 x 198
40.00 22 06	GUB 23	243 x 280 x 102	270 x 310 x 150
40.00 22 07	GUB 4	390 x 390 x 150	420 x 420 x 230
40.00 22 08	GUB 5	550 x 550 x 210	600 x 600 x 310
40.00 22 09	GUBW 11	152 x 152 x 77	180 x 180 x 130
40.00 22 10	GUBW 02	207 x 252 x 100	235 x 280 x 150
40.00 22 11	GUBW 03	248 x 273 x 125	280 x 305 x 298

Accessories

Optional internal painting: anticondensate painting orange RAL 2004

O-ring gaskets on cover

Glass window on cover

Drain plugs

Ex d II C Instrumentation enclosures EMH 9



- Ex d Instrumentation enclosures with window for installation of display instruments
- Material: Aluminium
- Execution II C



Technical Data

Explosion protection

⊕ II 2 G Ex d II C

⊕ II 2 D Ex tD A21

Certificates

INERIS 02 ATEX 0069X; GOST-R: ПОССТ ИТ.ГБ05.В02537; GOST-K: No. 07/43-269

Material

copper free aluminium (Cu < 0,1 %)

Colour

RAL 7035, grey

Ingress protection

IP 66 to EN 60529

Temperature range

-20°C to +52°C

Included in delivery

Enclosure system consisting of base and lid, mounting plate and external earth connection

Product range

Order No.	Type	Window Ø	External dimensions (mm) H x W x D
40.00 25 01	EMH 9.2	90	152 x 140 x 125
40.00 25 02	EMH 9.22	90	152 x 140 x 125
40.00 25 03	EMH 9.2V	90	152 x 140 x 125
40.00 25 04	EMH 9.22V	90	152 x 140 x 125

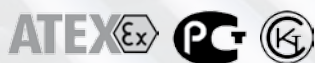
Accessories

Optional internal painting: anticorrosive painting orange RAL 2004

Ex d II C Junction and distribution enclosures GUA-EAHF



- Ex d junction and distribution enclosures for installation of terminals
- Material: Aluminium
- Execution II C



Technical Data

Explosion protection

⊕ II 2 G Ex d II C

⊕ II 2 D Ex tD A21

Certificates

INERIS 03 ATEX 0048; GOST-R: ПООС ИТ.ГБ05.В02537; GOST-K: No. 07/43-269

Material

copper free aluminium (Cu < 0,1 %)

Colour

RAL 7035, grey

Ingress protection

IP 65 to EN 60529

Temperature range

-20°C to +40°C

Included in delivery

Enclosure system consisting of base and lid, mounting plate and external earth connection

Product range

Order No.	Type	Ø enclosure x internal depth (mm)	Ø enclosure x external depth (mm)
40.00 26 01	GUA 16	77 x 40	87 x 75
40.00 26 02	GUA 17	100 x 50	113 x 79
40.00 26 03	GUA 26	77 x 40	87 x 75
40.00 26 04	GUA 27	100 x 50	113 x 79
40.00 26 05	GUA 36	77 x 40	87 x 75
40.00 26 06	GUA 37	100 x 50	113 x 79
40.00 26 07	GUA 59	135 x 75	154 x 110
40.00 26 08	GUA 69	135 x 75	154 x 110
40.00 26 09	EAHF 26	77 x 61	87 x 79

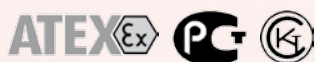
Accessories

Optional internal painting: anticondensate painting orange RAL 2004

Ex d II B Control Stations EFG



- Ex d Control Stations for individual fitting with switches, push button and for selector switches
- Material: Aluminium
- Execution II B



Technical Data

Explosion protection

⊕ II 2 G Ex d II B

⊕ II 2 D Ex tD A21

Ex d, Ex d[ia] II B

Certificates

INERIS 03 ATEX 0047; GOST-R: ПООС ИТ.ГБ05.В02538; GOST-K: No. 07/43-269

Material

copper free aluminium (Cu < 0,1 %)

Colour

RAL 7035, grey

Ingress protection

IP 65 to EN 60529

Temperature range

-20°C to +55°C

Included in delivery

Enclosure system consisting of base and lid, mounting plate and external earth connection

Product range

Order No.	Type	External dimensions (mm) H x W x D
40.00 27 01	EFG 6	195 x 130 x 100
40.00 27 02	EFG 10	370 x 145 x 100
40.00 27 03	EFG 12	430 x 145 x 100

Accessories

Optional internal painting: anticondensate painting orange RAL 2004

Ex d II B Selector switch stations EFSC218 M310



- Ex d Enclosure with 1 or 2 selector switches
- Ex d Enclosure with 3 pole fuse switch with 1 or 2 fuses
- Execution II B



Technical Data

Explosion protection

⊕ II 2 G Ex d II B

⊕ II 2 D Ex tD A21

Ex d, Ex d[ia] II B

Certificates

INERIS 03 ATEX 0047; GOST-R: POCC IT.ГБ05.В02538; GOST-K: No. 07/43-269

Temperature class

Gas: T5 / T4

Dust: T100°C / T125°C

Material

copper free aluminium (Cu < 0,1 %)

Colour

RAL 7035, grey

Ingress protection

IP 65 to EN 60529

Temperature range

-20°C to +55°C

Included in delivery

Enclosure system consisting of base and lid, switches, mounting plate and external earth connection

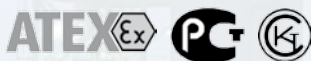
Product range

Order No.	Type	Execution	Dimensions (mm) H x W x D
40.00 27 10	EFSC218 M310	Selector switch, 2 switches, 500 V, 10 A	195 x 185 x 130
40.00 27 11	EFSC218 M310L	Selector switch, 1 switch, 1 padlock switch 500 V, 10 A	195 x 185 x 130
40.00 27 12	EFSC218 313V16	3 pole fuse switch 500 V, 2 x E16 delayed fuse, 16 A	195 x 185 x 130
40.00 27 13	EFSC218 313V25	3 pole fuse switch 500 V, 2 x E25 delayed fuse, 25 A	195 x 185 x 130

Ex d II B Circuit breaker and earth leakage circuit breaker stations EFSC218 GUS



- Ex d enclosures with circuit breaker 415 V, 6 kA
- Ex d enclosures with 2 to 4 pole execution for nominal currents 6-63 A
- Ex d enclosures with earth leakage circuit breakers, 230/400 V, 300 mA 1 PH+N - 3 PH+N
- Execution II B



Technical Data

Explosion protection

⊕ II 2 G Ex d II B

⊕ II 2 D Ex tD A21

Ex d, Ex d[ia] II B

Certificates

INERIS 03 ATEX 0047; GOST-R: POCC IT.ГБ05.В02538; GOST-K: No. 07/43-269

Temperature class

Gas: T5 / T4

Dust: T100°C / T125°C

Material

copper free aluminium (Cu < 0,1 %)

Colour

RAL 7035, grey

Ingress protection

IP 66 to EN 60529

Temperature range

-20°C to +55°C

Included in delivery

Enclosure system consisting of base and lid, switches, mounting plate and external earth connection

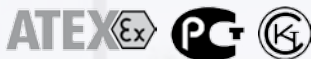
Product range

Order No.	Type	Execution	I/A	Dimensions (mm) H x W x D
40.00 27 14	EFSC218 GUSC 3206	Circuit breaker, 415 V, 6 kA, 2-pole	6 A	195 x 185 x 130
40.00 27 15	EFSC218 GUSC 3210	Circuit breaker, 415 V, 6 kA, 2-pole	10 A	195 x 185 x 130
40.00 27 16	EFSC218 GUSC 3216	Circuit breaker, 415 V, 6 kA, 2-pole	16 A	195 x 185 x 130
40.00 27 17	EFSC218 GUSC 3220	Circuit breaker, 415 V, 6 kA, 2-pole	20 A	195 x 185 x 130
40.00 27 18	EFSC218 GUSC 3225	Circuit breaker, 415 V, 6 kA, 2-pole	25 A	195 x 185 x 130
40.00 27 19	EFSC218 GUSC 3232	Circuit breaker, 415 V, 6 kA, 2-pole	32 A	195 x 185 x 130
40.00 27 20	EFSC218 GUSC 3240	Circuit breaker, 415 V, 6 kA, 2-pole	40 A	195 x 185 x 130
40.00 27 21	EFSC218 GUSC 3250	Circuit breaker, 415 V, 6 kA, 2-pole	50 A	195 x 185 x 130
40.00 27 22	EFSC218 GUSC 3263	Circuit breaker, 415 V, 6 kA, 2-pole	63 A	195 x 185 x 130
40.00 27 23	EFSC218 GUSC 3306	Circuit breaker, 415 V, 6 kA, 3-pole	6 A	195 x 185 x 130
40.00 27 24	EFSC218 GUSC 3310	Circuit breaker, 415 V, 6 kA, 3-pole	10 A	195 x 185 x 130
40.00 27 25	EFSC218 GUSC 3316	Circuit breaker, 415 V, 6 kA, 3-pole	16 A	195 x 185 x 130
40.00 27 26	EFSC218 GUSC 3320	Circuit breaker, 415 V, 6 kA, 3-pole	20 A	195 x 185 x 130
40.00 27 27	EFSC218 GUSC 3325	Circuit breaker, 415 V, 6 kA, 3-pole	25 A	195 x 185 x 130
40.00 27 28	EFSC218 GUSC 3332	Circuit breaker, 415 V, 6 kA, 3-pole	32 A	195 x 185 x 130
40.00 27 29	EFSC218 GUSC 3340	Circuit breaker, 415 V, 6 kA, 3-pole	40 A	195 x 185 x 130
40.00 27 30	EFSC218 GUSC 3350	Circuit breaker, 415 V, 6 kA, 3-pole	50 A	195 x 185 x 130
40.00 27 31	EFSC218 GUSC 3363	Circuit breaker, 415 V, 6 kA, 3-pole	63 A	195 x 185 x 130
40.00 27 32	EFSC218 GUSC 3406	Circuit breaker, 415 V, 6 kA, 4-pole	6 A	195 x 185 x 130
40.00 27 33	EFSC218 GUSC 3410	Circuit breaker, 415 V, 6 kA, 4-pole	10 A	195 x 185 x 130
40.00 27 34	EFSC218 GUSC 3416	Circuit breaker, 415 V, 6 kA, 4-pole	16 A	195 x 185 x 130
40.00 27 35	EFSC218 GUSC 3420	Circuit breaker, 415 V, 6 kA, 4-pole	20 A	195 x 185 x 130
40.00 27 36	EFSC218 GUSC 3425	Circuit breaker, 415 V, 6 kA, 4-pole	25 A	195 x 185 x 130
40.00 27 37	EFSC218 GUSC 3432	Circuit breaker, 415 V, 6 kA, 4-pole	32 A	195 x 185 x 130
40.00 27 38	EFSC218 GUSC 3440	Circuit breaker, 415 V, 6 kA, 4-pole	40 A	195 x 185 x 130
40.00 27 39	EFSC218 GUSC 3450	Circuit breaker, 415 V, 6 kA, 4-pole	50 A	195 x 185 x 130
40.00 27 40	EFSC218 GUSC 3463	Circuit breaker, 415 V, 6 kA, 4-pole	63 A	195 x 185 x 130
40.00 27 41	EFSC218 GUSV 3225	Earth leakage circuit breaker, 230 V, 2-pole	25 A	195 x 185 x 130
40.00 27 42	EFSC218 GUSV 3240	Earth leakage circuit breaker, 230 V, 2-pole	40 A	195 x 185 x 130
40.00 27 43	EFSC218 GUSV 3425	Earth leakage circuit breaker, 400/230 V, 3-pole	25 A	195 x 185 x 130
40.00 27 44	EFSC218 GUSV 3440	Earth leakage circuit breaker, 400/230 V, 3-pole	40 A	195 x 185 x 130
40.00 27 45	EFSC218 GUSV 3463	Earth leakage circuit breaker, 400/230 V, 3-pole	63 A	195 x 185 x 130

Ex d II B Thermal magnetic motor protection EFSC218 SMT



- Ex d enclosures with thermal magnetic motor protection 415 V
- 2 to 4 pole execution
- for nominal currents 6-63 A
- Execution II B



Technical Data

Explosion protection

⊕ II 2 G Ex d II B

⊕ II 2 D Ex tD A21

Ex d, Ex d[ia] II B

Certificates

INERIS 03 ATEX 0047; GOST-R: POCC IT.ГБ05.В02538; GOST-K: No. 07/43-269

Temperature class

Gas: T5 / T4

Dust: T100°C / T125°C

Material

copper free aluminium (Cu < 0,1 %)

Colour

RAL 7035, grey

Ingress protection

IP 66 to EN 60529

Temperature range

-20°C to +55°C

Included in delivery

Enclosure system consisting of base and lid, thermal magnetic motor protection, mounting plate and external earth connection

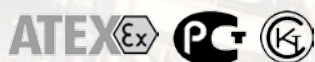
Product range

Order No.	Type	Execution	I/A	Dimensions (mm) H x W x D
40.00 27 46	EFSC218 SMT 034	Thermal magnetic motor protection, 660 V	0,20 - 0,35 A	195 x 185 x 130
40.00 27 47	EFSC218 SMT 036	Thermal magnetic motor protection, 660 V	0,35 - 0,6 A	195 x 185 x 130
40.00 27 48	EFSC218 SMT 301	Thermal magnetic motor protection, 660 V	0,6 - 1 A	195 x 185 x 130
40.00 27 49	EFSC218 SMT 302	Thermal magnetic motor protection, 660 V	1 - 1,6 A	195 x 185 x 130
40.00 27 50	EFSC218 SMT 303	Thermal magnetic motor protection, 660 V	1,6 - 2,5 A	195 x 185 x 130
40.00 27 51	EFSC218 SMT 304	Thermal magnetic motor protection, 660 V	2,5 - 4 A	195 x 185 x 130
40.00 27 52	EFSC218 SMT 306	Thermal magnetic motor protection, 660 V	4 - 6,6 A	195 x 185 x 130
40.00 27 53	EFSC218 SMT 310	Thermal magnetic motor protection, 660 V	6 - 10 A	195 x 185 x 130
40.00 27 54	EFSC218 SMT 316	Thermal magnetic motor protection, 660 V	10 - 16 A	195 x 185 x 130

Ex d II Push buttons / Control Stations EFDC / EFSC



- Small Ex d Control Stations with push button and switches
- Material: Aluminium
- Individual fitting on request



Technical Data

Explosion protection

⊕ II 2 G Ex d II C

⊕ II 2 D Ex tD A21

Ex d, Ex d[ia] II C

Certificates

INERIS 03 ATEX 0047; GOST-R: POCC IT.ГБ05.В02538; GOST-K: No. 07/43-269

Material

copper free aluminium (Cu < 0,1 %)

Colour

RAL 7035, grey

Ingress protection

IP 66 to EN 60529

Temperature range

-20°C to +40°C; -20°C to +55°C

Included in delivery

Enclosure system consisting of base and lid, switches, push buttons, mounting plates and external earth connection