Корпуса (Ex d IIB+H2) из нержавеющей стали

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (727)345-47-04
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70
Казахстан +7(727) 345-47-04
Беларусь +(375) 257-127-884
Узбекистан +998(71)205-18-59
Киргизия +996(312)96-26-47

эл.почта: phb@nt-rt.ru || сайт: https://pepperl-fuchs.nt-rt.ru/

Solutions Ex d IIB or CID1 / CIID1 based on Stainless Steel Enclosures

EJBX*

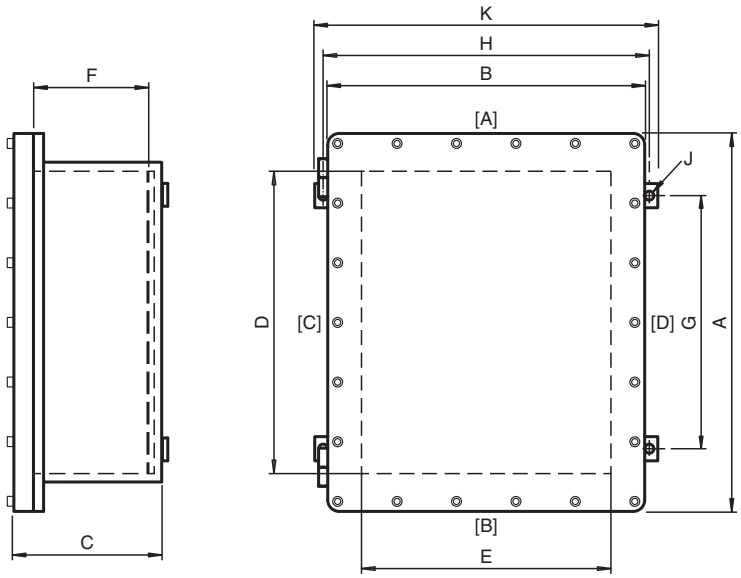
- Stainless Steel enclosure
- Suitable for operation in Zone 1, Zone 2, Zone 21 and Zone 22
- Suitable for operation in Class I, II Division 1
- Ex d and Ex tb certified
- Gas group IIB+H_2
- Degree of protection IP66 or IP66 / IP67, NEMA Type 4X
- Various enclosure size and design variants
- Customizable configuration of operators, cable entry quantities and cable gland types as per specification
- Integration of electrical components and operating elements as per customer specification
- Choice of viewing windows for monitoring instruments

Solutions Ex d IIB or CID1 / CIID1 based on Stainless Steel Enclosures

Function

The enclosure series EJBX forms the optimal basis for the application-specific configuration of terminal boxes, control stations as well as control and distribution panels.
The enclosures are certified Ex d IIB+H2 and Ex tb as well as "explosion-proof". They are available in many sizes, a wide range of operating elements and monitoring functions can be integrated. They are manufactured from high-quality stainless steel.
This durability as well as the flexible customization options cover the requirements of many industries including offshore and marine applications.
A choice of windows allows viewing of integrated monitoring functions. Electrical components can be integrated as per customer specification.

Dimensions



Release date: 2024-09-02 Date of issue: 2024-09-02 Filename: t164970_eng.pdf

Dimension values see data table.
Real values might differ slightly due to manufacturing tolerances.
Dimensions are valid for standard enclosures and IP66 variants only.
Image and drawing are generic for this device type and may deviate from the specific variant.

Dimensions and Enclosure Details - Approvals for ATEX / IECEx Europe

Type	External dimensions [mm]				Internal dimensions [mm]			Mounting [mm]			Mass [kg]	Cover screws		Max. power dissipation at T4/+40 °C [W]
	A	B	C	K	D	E	F	G	H	J		Mx	qty.	
EJBX0*.U*	198	133	141	128	140	75	110	133	108	8	7	M6	6	51
EJBX2A*.U*	220	220	155	226	160	160	125	157	206	8	12	M6	8	104
EJBX3A*.U*	252	152	165	165	200	100	135	185	145	8	13	M6	10	83
EJBX4A*.U*	262	222	180	226	200	160	145	188	206	8	17	M8	10	125
EJBX6A*.U*	309	209	170	216	250	150	135	233	196	8	19	M8	10	139
EJBX8B*.U*	371	271	232	270	300	200	195	282	250	10	36	M8	14	236
EJBX10B*.U*	450	340	262	350	370	260	225	345	320	10	66	M8	16	353
EJBX11B*.U*	490	410	268	415	400	320	230	363	385	10	80	M10	22	432
EJBX15A*.U*	580	430	265	460	500	350	220	462	430	12	96	M10	20	540
EJBX17A*.U*	662	492	363	494	570	400	315	550	464	14	145	M10	22	746
EJBX17Q*.U*	594	594	318	613	500	500	270	453	583	14	143	M12	24	593
EJBX18B*.U*	734	524	368	535	640	430	320	590	505	14	167	M12	24	864
EJBX20A*.U*	922	672	437	670	800	550	380	697	630	16	320	M12	32	1616

Mass is valid for empty enclosure, it will increase according to integrated components and cable glands
Dimensions are valid for standard enclosures and IP66 variants only

Dimensions and Enclosure Details - Approvals for ATEX / IECEx Asia Pacific

Type	External dimensions [mm]				Internal dimensions [mm]			Mounting [mm]			Mass [kg]	Cover screws		Max. power dissipation at T4/+40 °C [W]
	A	B	C	K	D	E	F	G	H	J		Mx	qty.	
EJBX0*.U*.AI*	198	133	156.5	140	140	75	110	133	120	9	12	M6	6	51
EJBX2A*.U*.AI*	220	220	171.5	226	160	160	125	157	206	9	21	M6	8	104
EJBX3A*.U*.AI*	252	152	171.5	165	200	100	135	185	145	8	18	M6	10	83
EJBX4A*.U*.AI*	262	222	191.5	226	200	160	145	188	206	9	25	M8	10	125
EJBX6A*.U*.AI*	309	209	181.5	216	250	150	135	233	196	9	28	M8	10	139
EJBX8B*.U*.AI*	371	271	241.5	270	300	200	195	282	250	11	46	M8	14	236
EJBX10B*.U*.AI*	450	340	271.5	350	370	260	225	345	320	11	67	M8	16	353
EJBX11B*.U*.AI*	490	410	276.5	415	400	320	230	363	385	11	84	M10	22	432
EJBX15A*.U*.AI*	580	430	266.5	460	500	350	220	462	430	13	101	M10	20	540
EJBX17A*.U*.AI*	662	492	365.5	494	570	400	315	550	464	15	149	M10	22	746
EJBX17Q*.U*.AI*	594	594	322.5	613	492	492	270	453	583	15	177	M12	24	593
EJBX18B*.U*.AI*	734	524	372.5	535	632	422	320	590	505	15	207	M12	24	864
EJBX20A*.U*.AI*	922	672	434.5	670	800	550	380	697	630	17	338	M12	32	1616

Mass is valid for empty enclosure, it will increase according to integrated components and cable glands
Dimensions are valid for standard enclosures and IP66 variants only

Dimensions and Enclosure Details - Approvals for North America

Type	External dimensions [mm]				Internal dimensions [mm]			Mounting [mm]			Mass [kg]	Cover screws		Max. power dissipation at T4/+40 °C [W]
	A	B	C	K	D	E	F	G	H	J		Mx	qty.	
EJBX0*.U*.UL*	198	133	156.5	140	140	75	110	133	120	9	12	M6	6	51
EJBX2A*.U*.UL*	220	220	171.5	226	160	160	125	157	206	9	21	M6	8	104
EJBX3A*.U*.UL*	252	152	171.5	165	200	100	135	185	145	8	18	M6	10	83
EJBX4A*.U*.UL*	262	222	191.5	226	200	160	145	188	206	9	25	M8	10	125
EJBX6A*.U*.UL*	309	209	181.5	216	250	150	135	233	196	9	28	M8	10	139
EJBX8B*.U*.UL*	371	271	241.5	270	300	200	195	282	250	11	46	M8	14	236
EJBX10B*.U*.UL*	450	340	271.5	350	370	260	225	345	320	11	67	M8	16	353
EJBX11B*.U*.UL*	490	410	276.5	415	400	320	230	363	385	11	84	M10	22	432
EJBX15A*.U*.UL*	580	430	266.5	460	500	350	220	462	430	13	101	M10	20	540
EJBX17Q*.U*.UL*	594	594	322.5	613	492	492	270	453	583	15	177	M12	24	593
EJBX18B*.U*.UL*	734	524	372.5	535	632	422	320	590	505	15	207	M12	24	864

Mass is valid for empty enclosure, it will increase according to integrated components and cable glands
Dimensions are valid for standard enclosures and IP66 variants only

Technical Data

Electrical specifications

Operating voltage	1500 V DC / 1000 V AC max. for ATEX / IECEx 600 V AC / DC max. for North American approvals

Release date: 2024-09-02 Date of issue: 2024-09-02 Filename: t164970_eng.pdf

Technical Data

Operating current	1600 A max.
Mechanical specifications	
Thread type	metric ISO pitch 1.5 mm or NPT ANSI ASME B1.20.1
Enclosure cover	detachable , optional hinges
Cover fixing	stainless steel socket cap head screws
Screws	see data table
Material of screws	stainless steel
Yield stress	min. 450 N/mm² for ATEX / IECEx , 100,000 PSI for North American approvals
Cover seal	none, O-ring for IP66/67
Flamepath grease	Greasil MS4 or NEVER SEEZ Marine Grade
Degree of protection	IP66 (IP66/67 with O-ring) , NEMA Type 4, 4X, 7, 9
Cable entry	see data table
Material	
Enclosure	AISI 316L stainless steel
Glass	thermo-resistant tempered glass
Finish	shot peened
O-Ring	silicone
Mass	see data table valid for empty enclosure, will increase according to integrated components
Dimensions	see data table values might differ slightly due to manufacturing tolerances dimensions are valid for standard enclosures and IP66 variants only
Mounting	see data table
Grounding	M6 external grounding points
Ambient conditions	
Ambient temperature	-60 ... 60 °C (-76 ... 140 °F) depending on integrated components
Data for application in connection with hazardous areas	
EU-type examination certificate	INERIS 14 ATEX 0022X INERIS 14 ATEX 9010U
Marking	Ⓔx II 2 GD Ex db IIB+H_2 T* Gb Ex tb IIIC T** °C Db T6/T85 °C T5/T100 °C T4/T135 °C T3/T200 °C depending on configuration, ambient temperature and built-in power loss
Maximum power dissipation	see data table maximum power dissipation at T4/+40 °C enclosure without window
International approvals	
UL approval	
Approved for	Class I, Division 1, Groups B, C, D Class II, Division 1, Groups E, F, G Type 4, 4X, 7, 9
cULus	Empty enclosure E482035 , UL 50E , UL 1203 , CSA C22.2, No. 25, 30
cETLus	Control panels E5003368
Ambient temperature	-25 ... 60 °C (-13 ... 140 °F)
IECEx approval	IECEx INE 14.0029X IECEx INE 14.0028U
UKCA approval	CML 21 UKEX 1424X CML 21 UKEX 1425U
ECAS approval	23-10-87483/E23-09-089610
CCC approval	2020322303002546
Further approvals	available on request
Conformity	
Degree of protection	EN60529 and UL 50 / UL 50E
CE marking	0080 or 0102, see type label
General information	

Release date: 2024-09-02 Date of issue: 2024-09-02 Filename: t164970_eng.pdf

Technical Data

Ordering information	This solution will be delivered completely configured and assembled ready for use. For configuration details please contact Customer Service.
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.

Type Code

1	2	3		4		5		6		7
EJB	*	**	.	**	.	*	.	**	-	****
EJB	X	17Q	.	W1	.	D	.	CP	-	Y0001

Example: EJBX17Q.W1.D.CP-Y0001
Control panel EJB size 17Q in stainless steel, rectangular window type 1, without intrinsically safe circuits

1	Enclosure type
EJB	enclosure Ex d IIB+H_2

2	Material
X	stainless steel

3	Enclosure size
0 ... 20A	see dimensions data table

4	Window
	no window
W ...	rectangular window with type indication
WG ...	circular window with type indication

5	Electrical circuits
D	without intrinsically safe circuits
I	intrinsically safe circuits integrated

6	Type of application
U	empty enclosure
T	terminal box
CP	control panel
CS	control station
DB	distribution board
DMT	electronic earthing system
MS	motor starter
PS	power switching
RIO	remote I/O field unit
IFS	interface solution
FJB	fieldbus solution
OS	optical solution
Q40	engineered solution per customer specification (Q40)

7	Variant number
Yxxxx	consecutive number

Release date: 2024-09-02 Date of issue: 2024-09-02 Filename: t164970_eng.pdf

По вопросам продаж и поддержки обращайтесь:

Алматы (727)345-47-04
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70
Казахстан +7(727) 345-47-04
Беларусь +(375) 257-127-884
Узбекистан +998(71)205-18-59
Киргизия +996(312)96-26-47

эл.почта: phb@nt-rt.ru || сайт: https://pepperl-fuchs.nt-rt.ru/