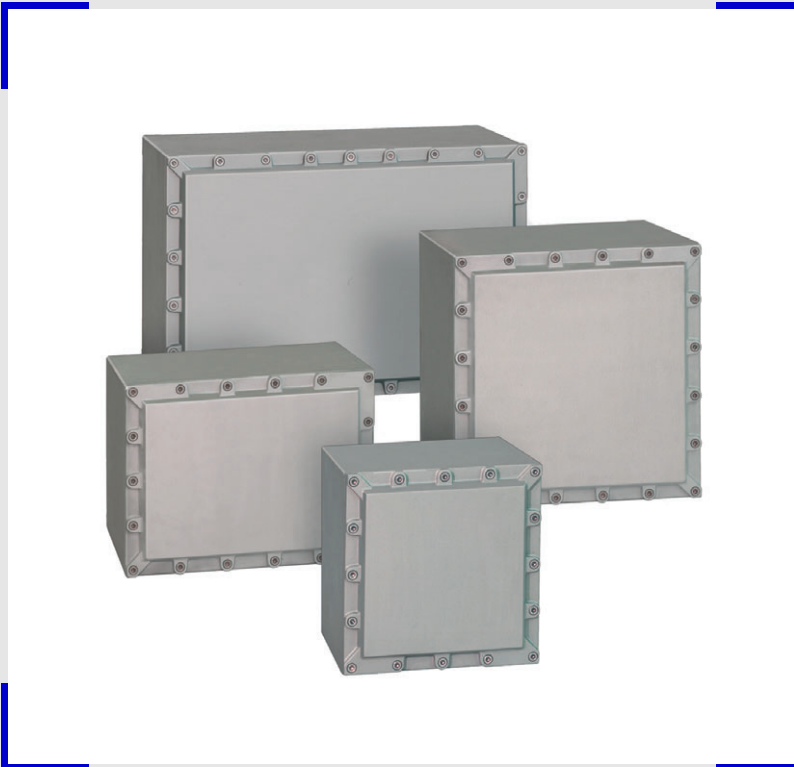


Ex d Enclosure System Made of Light Metal or Stainless Steel, "Flameproof Enclosure" Series 8264



**CUBEX**

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10303E00

- > Installation chamber can be fully used
- > Up to three mounting levels can be used
- > Saving of weight
- > Compact
- > Easy to combine
- > 26 enclosure versions
- > 15 window versions



The enclosures are used for installation of control panels and distribution panels. They are suitable for use as control and terminal boxes.

The built-in components are standard electrical equipment and switchgears designed and wired according to customer specifications. For this purpose, control and indicating elements are mounted directly into the cover.

For direct cable entry into the enclosures, flameproof cable entries or adapters can be used for the conduit connection.

For indirect cable entry, enclosures with connection chambers with type of protection "increased safety" of Series 8125 are used, which are equipped with cable entries.

The special direct bushing can be used to establish connection between two flameproof enclosures. This solution gives a very compact version of the control and distribution panels since no connection chamber enclosure is required for the through-connection.

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		ATEX / IECEx						Class I (NEC 505) (NEC 506)								Class I		Class II		Class III		
Zone		0	1	2	20	21	22	Zone	0	1	2	20	21	22	Division	1	2	1	2	1	2	
For use		x	x			x	x	For use in		x					For use in	x						

**WebCode 8264B**

Ex d Enclosure System Made of Light Metal or Stainless Steel, "Flameproof Enclosure"  
Series 8264

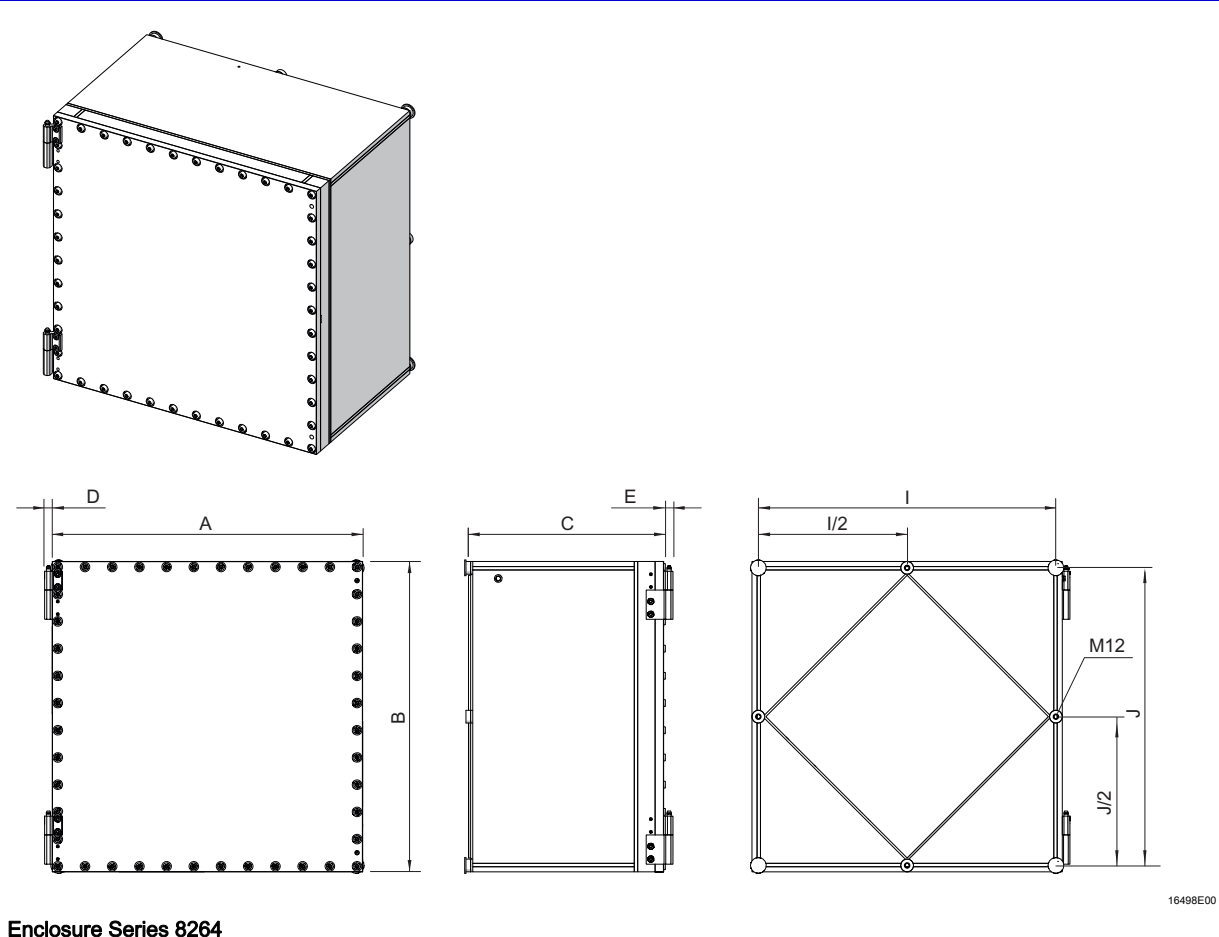


Selection Table

Total dimensions AxBxC [mm]	Internal dimensions axbxc [mm]	max. power loss [W] / temperature class (Tamb = + 40 °C)			Order number	Weight  kg
		T6	T5	T4		
235x235x260	157x157x206	55	80	170	8264 / -114-3..0	14.000
360x235x260	283x157x206	75	120	235	8264 / -214-3..0	23.000
360x360x260	282x282x206	115	160	320	8264 / -224-3..0	31.000
360x360x330	282x282x276	125	190	370	8264 / -225-3..0	36.000
480x360x260	402x282x194	145	215	400	8264 / -324-3..0	43.000
480x360x330	402x282x264	160	240	465	8264 / -325-3..0	53.000
480x480x260	402x402x193	175	260	500	8264 / -334-3..0	42.000
480x480x330	402x402x263	200	300	565	8264 / -335-3..0	66.000
730x480x260	652x402x177	260	385	710	8264 / -934-3..0	80.000
730x480x330	652x402x246	301	447	810	8264 / -935-3..0	122.000
730x730x330	640x640x242	347	520	933	8264 / -995-3..0	204.000
730x730x465	640x640x368	367	545	992	8264 / -996-3..0	233.000
730x730x570	640x640x473	431	640	1159	8264 / -997-3..0	256.000
730x730x482	640x640x385	431	640	1159	8264 / -998-3..01	240.000
730x730x587	640x640x490	431	640	1159	8264 / -999-3..00	263.000

\* Regardless the thickness of the mounting plate

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Enclosure Series 8264

16498E00

Ex d Enclosure System Made of Light Metal or Stainless Steel, "Flameproof Enclosure"  
Series 8264

**CUBEX**



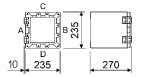
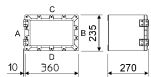
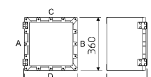
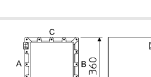
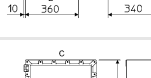


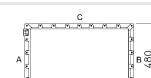
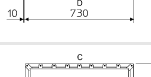

Aluminium:										
Empty enclosure Typ	A	B	C	I	D	E	F	J	I / 2	J / 2
8264/-114-3	235 [9.25]	235 [9.25]	260 [10.24]	205 [8.07]	8,5 [0.33]	12,5 [0.47]	2 [0.08]	205 [8.07]		
8264/-214-3	235 [9.25]	360 [14.17]	260 [10.24]	205 [8.07]	8,5 [0.33]	12,5 [0.47]	2 [0.08]	330 [12.99]		
8264/-224-3	360 [14.17]	360 [14.17]	260 [10.24]	330 [12.99]	8,5 [0.33]	12,5 [0.47]	2 [0.08]	330 [12.99]		
8264/-225-3	360 [14.17]	360 [14.17]	330 [12.99]	330 [12.99]	8,5 [0.33]	12,5 [0.47]	2 [0.08]	330 [12.99]		
8264/-324-3	360 [14.17]	480 [18.9]	260 [10.24]	330 [12.99]	8,5 [0.33]	12,5 [0.47]	2 [0.08]	450 [17.72]		
8264/-325-3	360 [14.17]	480 [18.9]	330 [12.99]	330 [12.99]	8,5 [0.33]	12,5 [0.47]	2 [0.08]	450 [17.72]		
8264/-334-3	480 [18.9]	480 [18.9]	260 [10.24]	450 [17.72]	8,5 [0.33]	12,5 [0.47]	2 [0.08]	450 [17.72]		
8264/-335-3	480 [18.9]	480 [18.9]	330 [12.99]	450 [17.72]	8,5 [0.33]	12,5 [0.47]	2 [0.08]	450 [17.72]		
8264/-934-3	480 [18.9]	730 [28.74]	260 [10.24]	450 [17.72]	18 [0.71]	22 [0.87]	2 [0.08]	700 [27.56]		
8264/-935-3	480 [18.9]	730 [28.74]	330 [12.99]	450 [17.72]	18 [0.71]	22 [0.87]	2 [0.08]	700 [27.56]		
8264/-995-3	730 [28.74]	730 [28.74]	330 [12.99]	700 [27.56]	18 [0.71]	22 [0.87]	2 [0.08]	700 [27.56]		
8264/-996-3	730 [28.74]	730 [28.74]	465 [18.31]	700 [27.56]	18 [0.71]	22 [0.87]	16 [0.63]	700 [27.56]	350 [13.78]	350 [13.78]
8264/-997-3	730 [28.74]	730 [28.74]	570 [22.44]	700 [27.56]	18 [0.71]	22 [0.87]	16 [0.63]	700 [27.56]	350 [13.78]	350 [13.78]
8264/-998-3	730 [28.74]	730 [28.74]	480 [18.9]	700 [27.56]	18 [0.71]	22 [0.87]	16 [0.63]	700 [27.56]	350 [13.78]	350 [13.78]
8264/-999-3	730 [28.74]	730 [28.74]	585 [23.03]	700 [27.56]	18 [0.71]	22 [0.87]	16 [0.63]	700 [27.56]	350 [13.78]	350 [13.78]

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# Ex d Enclosure System Made of Light Metal or Stainless Steel, "Flameproof Enclosure" Series 8264



**Selection Table**

Version	Total dimensions AxBxC [mm]	Internal dimensions axbxc [mm]	max. power loss [W] / temperature class(Tamb = + 40 °C)			Order number	Weight  kg
			T6	T5	T4		
 09829E00	235x235x270	155x155x207	55	80	170	8264 / -112-2..0	41.000
 09830E00	360x235x270	280x155x207	75	120	235	8264 / -212-2..0	66.000
 09831E00	360x360x270	280x280x204	115	160	320	8264 / -222-2..0	82.000
 09832E00	360x360x340	280x280x274	125	190	370	8264 / -223-2..0	88.000
 09833E00	480x360x340	400x280x274	160	240	465	8264 / -323-2..0	141.000
 09834E00	480x480x340	400x400x269	200	300	565	8264 / -333-2..0	183.000
 09835E00	730x480x340	650x400x273	301	447	810	8264 / -933-2..0	252.000
 09836E00	730x730x340	650x650x268	347	520	933	8264 / -993-2..0	365.000
 12767E00	730x730x465	650x650x344	367	545	992	8264 / -996-2..0	
 12768E00	730x730x570	650x650x450	431	640	1159	8264 / -997-2..0	478.000

\* Regardless the thickness of the mounting plate

# Ex d Enclosure System Made of Light Metal or Stainless Steel, "Flameproof Enclosure" Series 8264

# CUBEX



## Explosion Protection

Marking	
IECEX	
Gas explosion protection	Ex d IIB bzw. Ex d IIB + H2
Dust explosion protection	Ex tD A21 IP6X
<b>Europe (ATEX)</b>	
Gas explosion protection	Ex d ... IIB + H2 T6...T4 Ex d ... IIB T6...T4 Ex td A21 IP66 T80°C ... T130°C

Certificates	
IECEX	IECEX KEM 07.0050U
Europe (ATEX)	KEMA 01 ATEX 2145 U
Other certificates	Belarus (Gospromnadzor), Brazil (UL do Brasil), China (CQST), Canada (UL), India (PESO), Kazakhstan (JSC), Korea (KGS), Russia (CTB), USA (UL)

## Explosion Protection

Marking	
IECEX	
Gas explosion protection	Ex d IIB T6 ... T4 bzw. Ex d IIB + H2 T6 ... T4
Dust explosion protection	Ex tD A21 IP6X T80°C ... T130°C
<b>Europe (ATEX)</b>	
Gas explosion protection	⊕ II 2 G Ex d ... IIB + H2 T6...T4 ⊕ II 2 G Ex d ... IIB T6...T4 Ex td A21 IP66 T80°C ... T130°C

Certificates	
IECEX	IECEX KEM 07.0051X
Europe (ATEX)	KEMA 01 ATEX 2145 X
Other certificates	USA (UL), Brazil (UL do Brasil), Canada (UL), Russia (CTB), Kazakhstan (JSC), Korea (KGS), Belarus (Gospromnadzor), China (CQST)

## Technical Data

Electrical data	
Rated operational voltage $U_e$	max. 11 kV AC/DC
Rated operational current $I_e$	max. 1250 A
Ambient conditions	
Ambient temperature	Standard: -60 ... +60 °C with inspection window: -60 ... +60 °C with explosion protection Ex d IIB + H2: -20 ... +60 °C (on request)
Mechanical data	
Degree of protection	IP64 without seal IP66 with seal
Enclosure	8264/...-2: stainless steel (seawater resistant) 8264/...-3: aluminium (seawater resistant according to EN 13195-1)
Terminals	max. 300 mm <sup>2</sup>

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.

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