



Installation: hazardous areas - Zone 1 / 2 (Gases) - Zone 21 / 22 (Dusts)
Classification: Group II - Category 2G 2D



REFERENCE STANDARDS

Directive 2014/34/EU

EXECUTION	<ul style="list-style-type: none"> ⊗ II 2G Ex e IIA, IIB, IIC T6, T5 Gb ⊗ II 2G Ex ia/ib IIA, IIB, IIC T6, T5 Gb ⊗ II 2D Ex tb IIIC T80 °C, T95 °C Db IP 66 ⊗ II 2D Ex ia/ib IIIC T80 °C, T95 °C Db
RULES OF COMPLIANCE	EN/IEC 60079-0; EN/IEC 60079-1; EN/IEC 60079-7; EN/IEC 60079-11; EN/IEC 60079-18; EN/IEC 60079-31
EC Type-Examination Certificate	PTB 08 ATEX 1064X
PROTECTION DEGREE	IP66
AMBIENT TEMPERATURE	-20 °C (-55 °C) to +40 °C at T6 -20 °C (-55 °C) to +55 °C at T5
OTHER AVAILABLE CERTIFICATES	Component: PTB 08 ATEX 1062U IECEx: IECEx PTB 09.0009X IECEx (component): IECEx PTB 09.0008U CSA: c-us 2557738 Kc (Korean certification): 15-AV4BO-0120 EAC: TC RU C-SI.BH02.B.00160/19

Mechanical characteristics

Material	glass-fibre reinforced polyester, EN 60079-0, halogen-free black surface resistance < 10 ⁹ Ω
Cover	black: RAL 9005
Lid screws	stainless steel, captive cross-head (+ -) (other models on request)
Standard seals	EPDM -20 °C to +95 °C optional: silicone -55 °C to +100 °C
Mechanical resistance	impact energy 7 Nm (EN/IEC 60079-0)
Protection class	IP 66 EN/IEC 60529
Rated voltage	max. 1100 V



On Request Accessories:

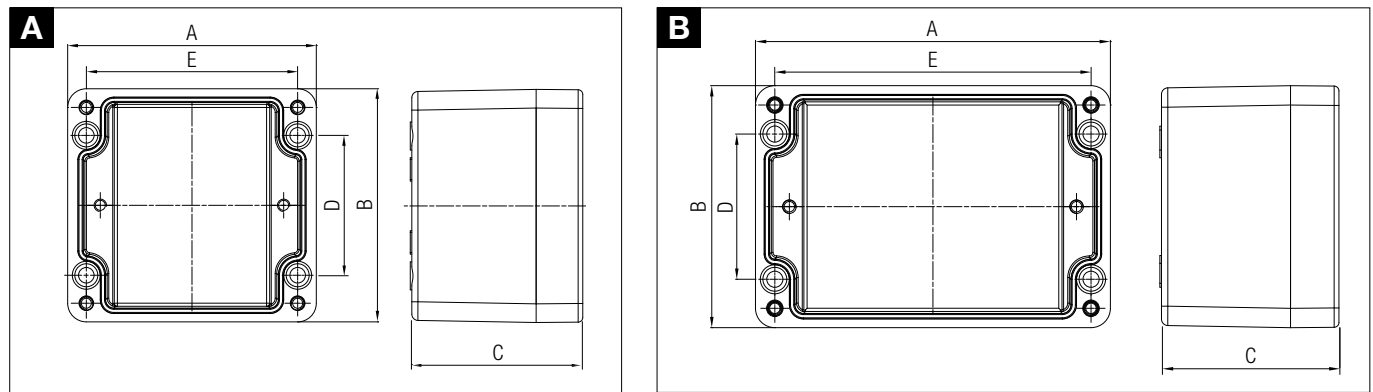
- Drain and breather valves

Technical Features

CODE	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	I [mm]	INT. PLATE X - Y [mm]	WEIGHT [Kg]	DETAIL
07-51**-0800/7555	80	75	55	45	70	7	-	0,23	A
07-51**-1100/7555	110	75	55	45	99	7	-	0,28	B
07-51**-1600/7555	160	75	55	45	150,5	7	-	0,37	B
07-51**-1900/7555	190	75	55	45	180	7	-	0,43	B
07-51**-1221/2090	122	120	90	82	111	7	109 - 106	0,66	A
07-51**-2201/2090	220	120	90	82	209,5	7	207-106	1,04	B
07-51**-1601/6090	160	160	90	110	146,5	8	143,5 -144	1,28	A
07-51**-2601/6090	260	160	90	110	248	7	244 -144	1,75	B
07-51**-2002/5012	200	250	120	180	200	7	185 - 231	2,32	B
07-51**-2552/5012	255	250	120	200	242	7	240 - 233	2,73	B
07-51**-2552/5016	255	250	160	200	242	7	240 - 233	3,27	A

(**) ENCLOSURE'S TYPE: ..03= BLACK EX E DISTRIBUTION BOX - ..05= BLACK EX I DISTRIBUTION BOX - ..78= BLACK IP66 DISTRIBUTION BOX

Reference Details



Body enclosures indicative maximum quantity of holes of the same size

ENCLOSURE CODE	DRILLING AREA LONG SIDE										DRILLING AREA SHORT SIDE									
	Quantity allowed entries for size (from M12 to M63)										Quantity allowed entries for size (from M12 to M63)									
	M12 x 1.5	M16 x 1.5	M16 x 1.5 extended	M20 x 1.5	M20 x 1.5 extended	M25 x 1.5	M32 x 1.5	M40 x 1.5	M50 x 1.5	M63 x 1.5	M12 x 1.5	M16 x 1.5	M16 x 1.5 extended	M20 x 1.5	M20 x 1.5 extended	M25 x 1.5	M32 x 1.5	M40 x 1.5	M50 x 1.5	M63 x 1.5
07-51**-0800/7555	4	2	2	2	1	1	\	\	\	\	1	1	\	\	\	\	\	\	\	\
07-51**-1100/7555	6	4	3	3	2	2	\	\	\	\	1	1	\	\	\	\	\	\	\	\
07-51**-1600/7555	12	6	5	4	4	3	\	\	\	\	1	1	\	\	\	\	\	\	\	\
07-51**-1900/7555	15	8	6	5	5	4	\	\	\	\	1	1	\	\	\	\	\	\	\	\
07-51**-1221/2090	13	9	5	5	4	3	2	1	1	\	4	4	2	2	2	1	1	1	\	\
07-51**-2201/2090	28	18	12	11	10	5	3	3	2	\	4	4	2	2	2	1	1	1	\	\
07-51**-1601/6090	18	14	8	8	6	4	2	2	1	\	8	8	5	4	4	2	2	1	\	\
07-51**-2601/6090	33	26	17	14	12	7	4	3	3	\	8	8	5	4	4	2	2	1	\	\
07-51**-2002/5012	24	16	10	9	7	4	3	2	2	2	12	12	10	8	8	4	3	2	2	\
07-51**-2552/5012	53	34	23	20	18	9	7	4	3	2	12	12	10	8	8	4	3	2	2	2
07-51**-2552/5016	53	34	23	20	18	9	7	4	3	2	12	12	10	8	8	4	3	2	2	2

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Indicative quantity of terminals and relevant section

CODE ENCLOSURE	AKZ4	WDU 2.5	WDU 2.5 bl	WDU 4	CODE ENCLOSURE	AKZ4	WDU 2.5	WDU 2.5 bl	WDU 4
07-51**-0800/7555	8 x 1	\	\	\	07-51**-1601/6090	18 x 2	24 x 1	23 x 1	20 x 1
07-51**-1100/7555	13 x 1	\	\	\	07-51**-2601/6090	34 x 2	43 x 1	42 x 1	34 x 1
07-51**-1600/7555	21 x 1	\	\	\	07-51**-2002/5012	\	43 x 2	43 x 2	35 x 2
07-51**-1900/7555	26 x 1	\	\	\	07-51**-2552/5012	\	43 x 2	42 x 3	35 x 2
07-51**-1221/2090	14 x 1	16 x 1	16 x 1	14 x 1	07-51**-2552/5016	\	43 x 2	42 x 3	35 x 2
07-51**-2201/2090	30 x 1	35 x 1	35 x 1	30 x 1					

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