



**HAZARDOUS LOCATION
ENCLOSURES**



Ex-Proof

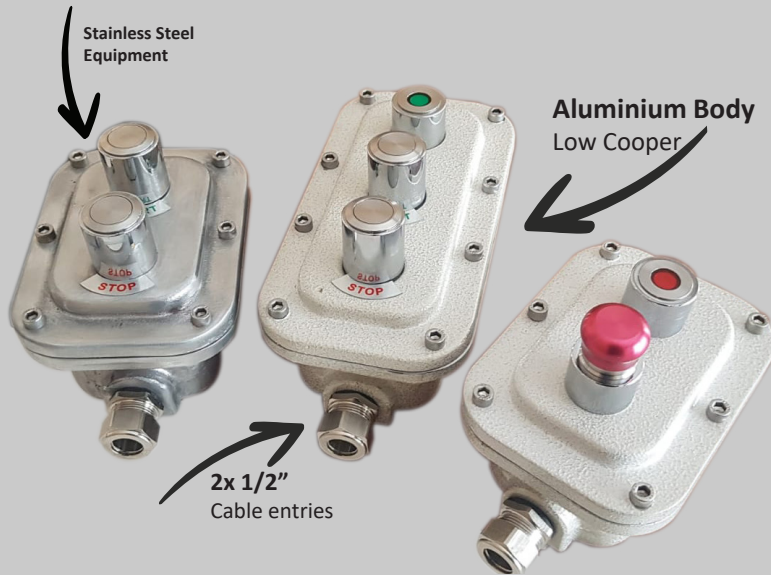
ENCLOSURES

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W71.X

Emergency Button _____
Start/Stop Button _____
Signal Lamp _____



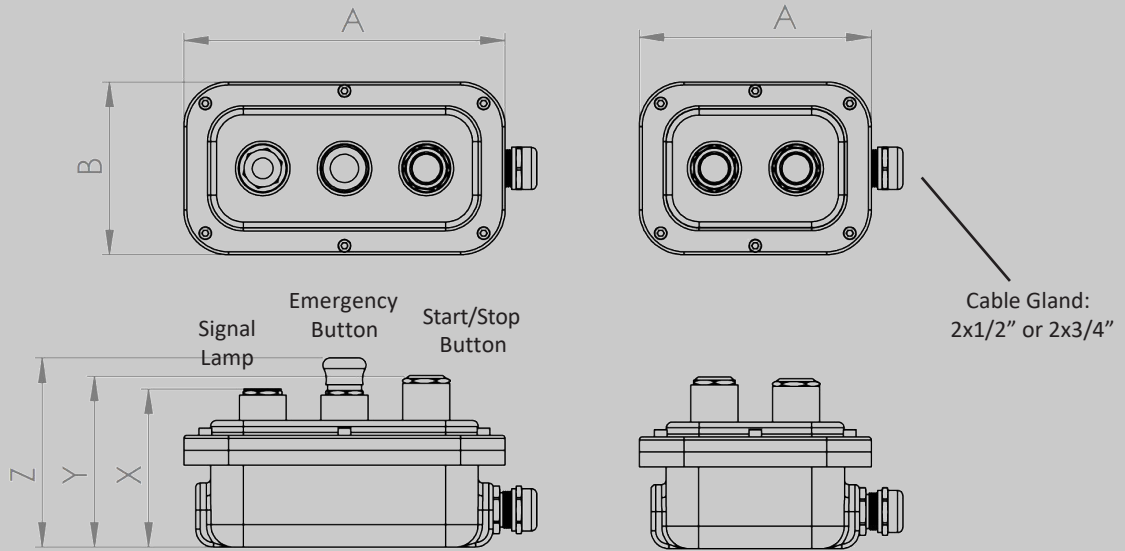
ZONE 1-2 / 21-22

IP 65

$-25\text{ }^{\circ}\text{C} < T_a < +55\text{ }^{\circ}\text{C}$

Product	Aluminium Body Junction Boxes
Marking	II 2G Ex db IIB T6 Gb II 2D Ex tb IIIC T85°C Db
IP	IP 65
Ambiant Temp.	-25 °C up to +55 °C
Standarts Cable	EN60079-0: 2018; EN60079-1: 2014; EN60079-31: 2014
Entries Body	2X1/2" or 2x3/4"
Gaskets Paint	Low Cooper Aluminium Alloy
Rated Voltage	NBR o-ring on Body
Frequency	Electrostatic Powder Coat
Application	24-220V 50/60 Hz Oil refineries, Chemical and petrochemical plants, Boiler rooms etc.

DIMENSIONAL DRAWING



	External		Equipments			Information
	A	B	x	y	z	
W71-2.ST	156	118	105	115	127	Start Button
W71-2.SP	156	118				Stop Button
W71-2.ES	156	118				Emergency Button
W71-2.STP	156	118				Start + Stop Buttons
W71-2.SSG	156	118				Start/Stop + Signal Lamp
W71-2.SES	156	118				Start/Stop + Emergency
W71-3A	216	118				Start + Stop + Emergency
W71-3B	216	118				Start + Stop + Signal Lamp

W71-



See
Information
Columns

ATEX





W72.X

0-1 _____
1-0-2 _____
0-1-2 _____



ZONE 1-2 / 21-22

IP 65

$-25\text{ }^{\circ}\text{C} < T_a < +55\text{ }^{\circ}\text{C}$

Product

Aluminium Body Junction Boxes

Marking

II 2G Ex db IIB T6 Gb

IP

IP 65

Ambiant Temp.

$-25\text{ }^{\circ}\text{C}$ up to $+55\text{ }^{\circ}\text{C}$

Standarts Cable

EN60079-0: 2018; EN60079-1: 2014; EN60079-31: 2014

Entries Body

2X1/2" or 2x3/4"

Gaskets Paint

Low Cooper Aluminium Alloy

Rated Voltage

NBR o-ring on Body

Frequency

Electrostatic Powder Coat

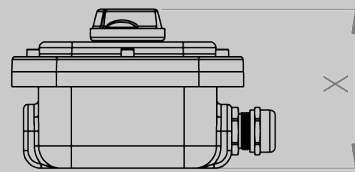
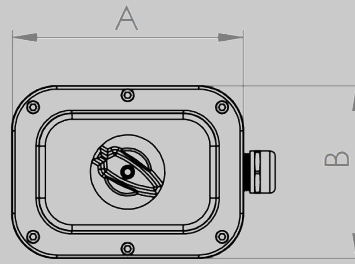
Application

24-220V

50/60 Hz

Oil refineries, Chemical and petrochemical plants, Boiler rooms etc.

DIMENSIONAL DRAWING



External

Equipments

	A	B	x	Information
W72-S	156	116	105	1-0 Switches
W72-M	156	116		1-0-2 Pole Changer
W72-K	156	116		0-1-2 Commutator
W72-L	156	116		0-1-2 Step Switch

W72-



See
Information
Columns





W73.X

Emergency Button _____
Start/Stop Button _____
Signal Lamp _____
Electric Switch _____



ZONE 1-2 / 21-22

IP 65

-20 °C < T_a < +55 °C

Product

Marking

IP

Ambiant Temp.

Standarts Cable

Entries Body

Gaskets Paint

Rated Voltage

Frequency

Application

Aluminium Body Junction Boxes

II 2G Ex db IIB T6 Gb

II 2D Ex tb IIIC T85°C Db

IP 65

-20 °C up to +55 °C

EN60079-0: 2018; EN60079-1: 2014; EN60079-31: 2014

See Hole Table

Low Cooper Aluminium Alloy

NBR o-ring on Body

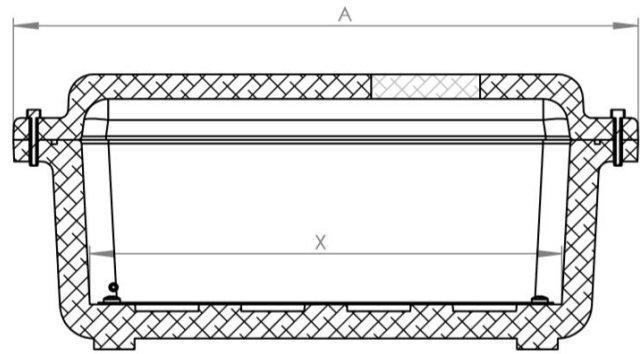
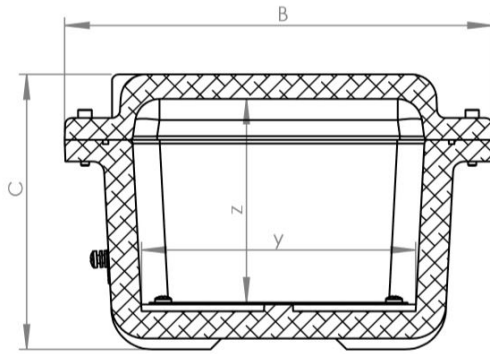
Electrostatic Powder Coat

220-380V

50/60 Hz

Oil refineries, Chemical and petrochemical plants, Boiler rooms etc.

DIMENSIONAL DRAWING



	External			Internal			
	A	B	C	x	y	z	Plate
W73-1	210	145	121	140	77	76	130x67
W73-2	275	200	143	200	123	104	190x113
W73-3	330	230	166	240	140	125	230x130
W73-4	460	315	202	345	200	151	335x190
W73-5	520	350	226	410	235	169	400x225
W73-6	660	430	285	535	310	226	525x300
W73-7	786	536	310	655	405	270	645x395

W73.



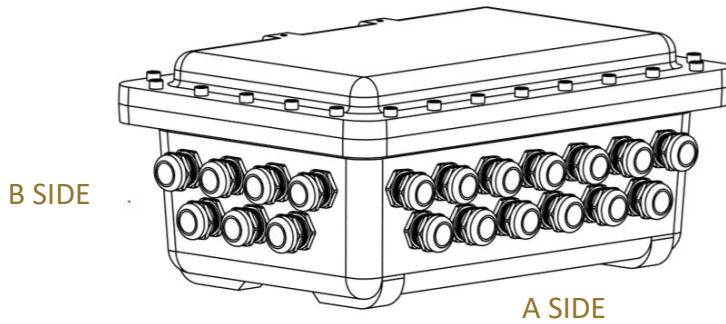
1, 2, 3, 4, 5, 6, 7

Empty for without Equipment
E for with Equipment

ATEX

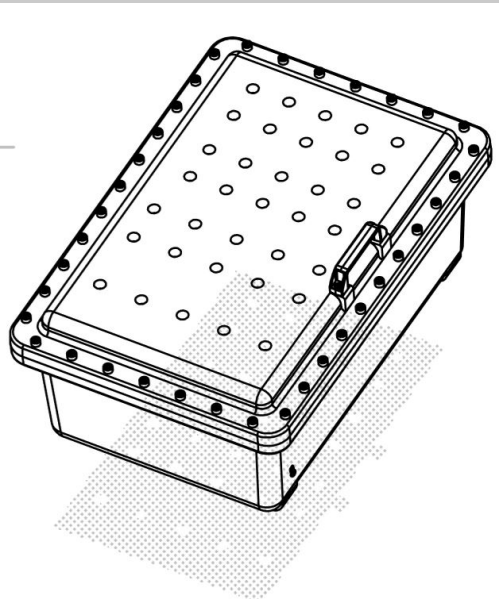


BODY DRILLING



The threads for the cable glands, piping glands, reducers, unions, nipples and plugs to be used for the enclosure entries are given below.

	Metric	MAXIMUM NUMBER OF HOLE									
		A SIDE					B SIDE				
		M20	M25	M32	M40	M50	M20	M25	M32	M40	M50
	NPT	1/2"	3/4"	1"	1 1/4"	1 1/2"	1/2"	3/4"	1"	1 1/4"	1 1/2"
W73 1		3	3	2	-	-	2	2	1	-	-
W73 2		7	7	3	2	2	5	3	2	1	1
W73 3		9	9	5	2	2	5	5	2	1	1
W73 4		13	13	11	5	4	7	7	5	2	2
W73 5		15	15	13	9	5	9	9	7	5	3
W73 6		29	29	23	14	12	17	17	11	6	6
W73 7		32	32	23	14	14	23	23	14	8	8



	Max. Number Of		Min Distance Of	
	Signal, Emergency, Start-Stop Buttons.	Switches	Signal, Emergency, Start-Stop Buttons.	Switches
W73 1	3	2	55	80
W73 2	6	2		
W73 3	9	3		
W73 4	15	8		
WSB 5	18	12		
W73 6	26	18		
W73 7	35	18		

Too many combinations can be produced with equipment. However, the number of uses of any equipment will limit the number of uses of other equipment.

W74.X

Aluminium Body
Low Cooper

WISERAY
ELECTRIC

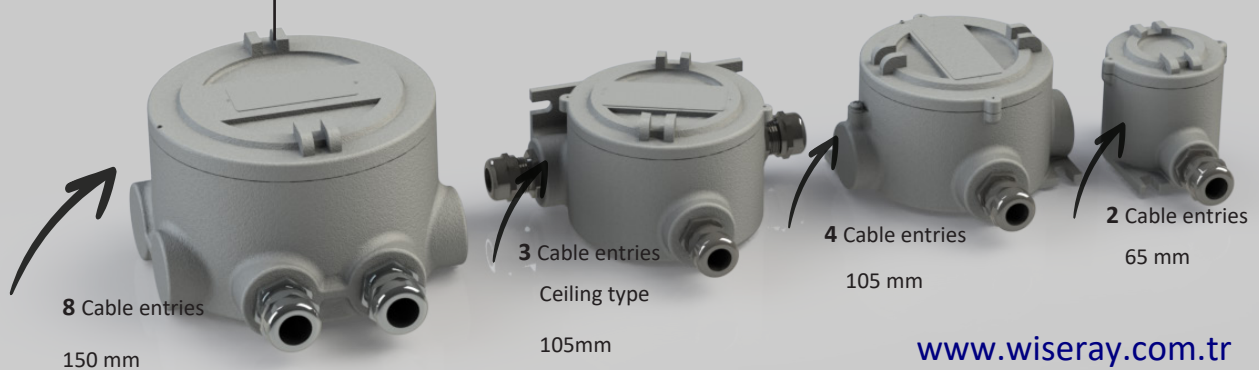


ZONE 1-2 / 21-22

IP 65

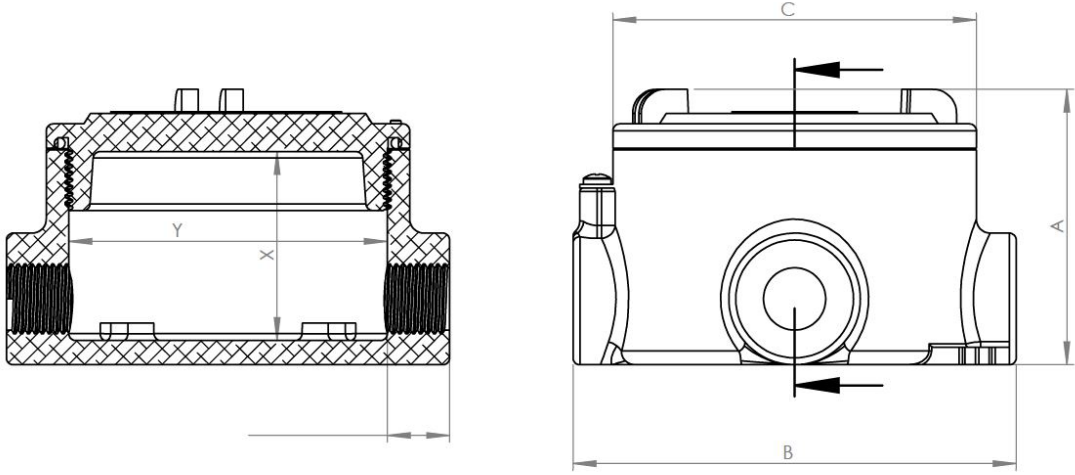
$-25^{\circ}\text{C} < T_a < +55^{\circ}\text{C}$

Product	Aluminium Body Junction Boxes
Marking	II 2G Ex db IIB T6 Gb II 2D Ex tb IIIC T80°C Db
IP	IP 66
Ambiant Temp.	-25 °C up to +55 °C
Standarts	EN60079-0: 2018; EN60079-1: 2014; EN60079-31: 2014
Cable Entries	1/2" or 3/4"
Body Gaskets	Low Cooper Aluminium Alloy
Paint Rated	Slicon Oring
Voltage	Electrostatic Powder Coat
Frequency	24-380V 50/60 Hz
Application	Oil refineries, Chemical and petrochemical plants, Boiler rooms etc.



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DIMENSIONAL DRAWING



	External			Internal	
	A	B	C	X	Y
W74-65.X	69	92	65	48	52
W74-105.X	79	128	105	54.5	90
W74-105T.X	79	125	105	54.5	90
W74-150.X	106	106	150	77	124

W74-

Diameter
: 65, 105,
105T, 150

Number of way and type:
- 2,3,4,5,6,7,8
- 34:
3/4 ,
- 12: 1/2

Sample Code : WSJ105T.334 - 105 mm diameter, Ceiling Type, 3 x 3/4" Cable Way



Contact Us

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Türkiye

HQ:

1. . İsmet İnönü 1 cd. No:13/7
 2. . İsmet İnönü 1 cd. No:24/23
- Tepebasi 26130 Eskişehir

Factory:
O.S.B. 2008.cd No:20
Odunpazarı 26110 Eskişehir