

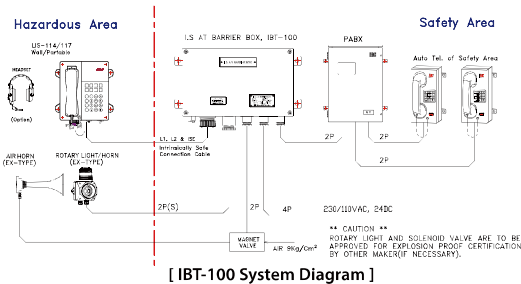
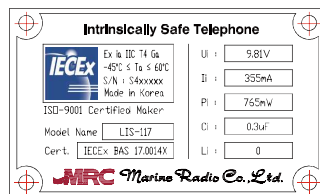
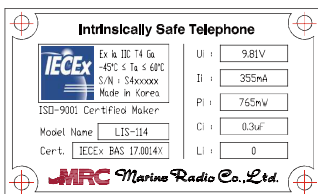
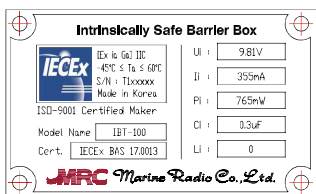
IBT-100 Intrinsically Safe Auto Telephone

GENERAL DESCRIPTION

The Intrinsically Safe Auto Telephone system is officially certified by satisfying the IECEx request standard IEC60079-0, IEC60079-11. This type of A.T system can be mounted in areas that requires Group II, Zone 0, Zone 1 and 2, Gas class "C", and temperature class T4 performance standard. The intrinsically safe construction does not ignite explosive gas or dust when the heat is caused by short circuit, broken line and ground. This system, the telephone set and calling unit, has a switch, terminal and relay. The system uses an air horn in hazardous areas, and uses the buzzer or bell in safety areas. The telephone set adapts the low noise OP-AMP, so it improves call tone and side tone. Moreover, it largely reduces noise incoming through the telephone transmitter, by using a circuit whose CMRR (Common Mode Rejection Ratio) is high. The power is supplied to "PABX". The current and voltage are limited for explosion-proof architecture.

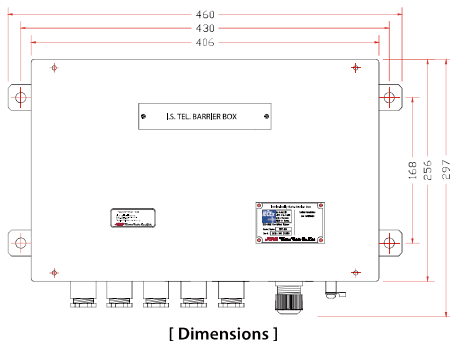
PRODUCT INFORMATION

INTRINSICALLY SAFE



Specifications

Model	IBT-100
Cert. No.	IECEx BAS 15.xxxxx
Protection	Intrinsic Safety
Standards	IEC60079-0 / 11
Marking	IEC-Ex (Ex ia IIC T6)
Ambient Temp.	-45°C ≤ Ta ≤ 60°C
IP / Weight	IP44 / 8.4Kg
Color	Gray (N7-EPC)
Material	Steel PO 1.6t (Case)
Mounting	4-Ø12 (430-168)
Power	230VAC / 24VDC



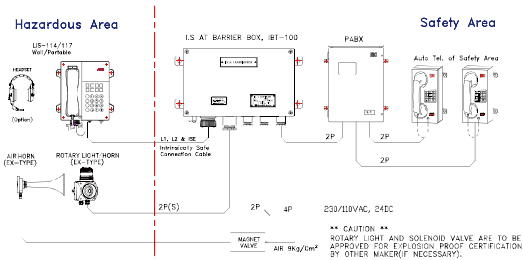
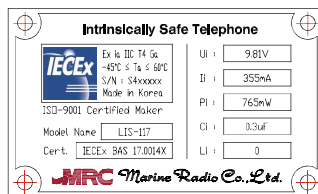
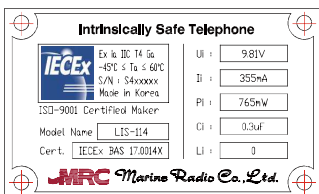
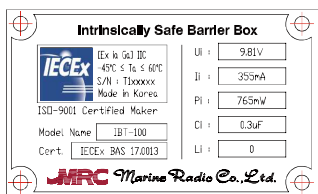
IBT-200 CBT / SPT Intrinsically Safe Auto Telephones

GENERAL DESCRIPTION

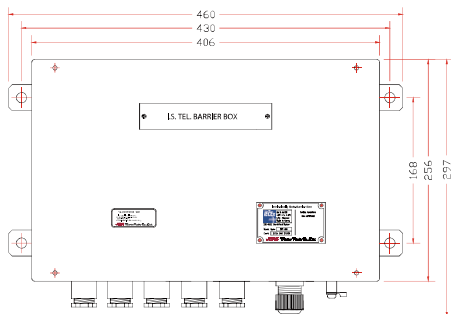
The Intrinsically Safe Auto Telephone system is officially certified by satisfying the IECEx request standard IEC60079-0, IEC60079-11. This type of A.T system can be mounted in areas that requires Group II, Zone 0, Zone 1 and 2, Gas class "C", and temperature class T4 performance standard. The intrinsically safe construction does not ignite explosive gas or dust when the heat is caused by short circuit, broken line and ground. This system, the telephone set and calling unit, has a switch, terminal and relay. The system uses an air horn in hazardous areas, and uses the buzzer or bell in safety areas. The telephone set adapts the low noise OP-AMP, so it improves call tone and side tone. Moreover, it largely reduces noise incoming through the telephone transmitter, by using a circuit whose CMRR (Common Mode Rejection Ratio) is high. The power is supplied to "PABX". The current and voltage are limited for explosion-proof architecture.

PRODUCT INFORMATION

INTRINSICALLY SAFE



[IBT-200 System Diagram]



[Dimensions]

Specifications

Model	IBT-200
Cert. No.	IECEx BAS 17.0013
Protection	Intrinsic Safety
Standards	IEC60079-0 / 11
Marking	[Ex ia Ga] IIC
Ambient Temp.	-45°C ≤ Ta ≤ 60°C
Weight	8.4Kg
Color	Gray (N7-EPC)
Material	Steel PO 1.6mm (Case)
Mounting	4-Ø 12 (430-168)
Power	220 / 110VAC, 24VDC



Accessories : Signal Device For Telephone

Auto - Exchanger System

ACCESSORY SIGNAL DEVICE

MODEL	BZ-1	BZ-2	L00
PHOTO			
Name	BELL	BELL	FLASHING LIGHT
Mounting Type	WALL	WALL	WALL
IP Grade	44	44	56
Gland	1	1	2
Dimension(WxDxH)mm	130×134×241	200×134×300	130×167×265
Material	ABS	ABS	ALUMINIUM
Colour	IVORY	IVORY	GREEN
Weight	1.5kg	1.9kg	2kg
Install Area	MACHINERY	MACHINERY	MACHINERY

MODEL	SL16	AH0601	SV0080
PHOTO			
Name	EX. FLASHING LIGHT W/HORN	AIR HORN	STOP VALVE
Mounting Type	WALL	WALL	COMPONENT
IP Grade	66	56	56
Gland	2	X	X
Dimension(WxDxH)mm	145×145×435	106×117×198	77×55×22
Material	ALUMINIUM	PAGF ,COPPER	BRASS
Colour	BLACK	GREEN	BRASS NATURAL
Weight	4.7kg	1.5kg	0.4kg
Install Area	HAZARDOUS AREA	SAFETY AREA	SAFETY AREA

MODEL	S14	SL14	S16	L16
PHOTO				
Name	HORN	FLASHING LIGHT W/HORN	EX. HORN	EX. FLASHING LIGHT
Mounting Type	WALL	WALL	WALL	WALL
IP Grade	56	56	66	66
Gland	2	2	2	2
Dimension(WxDxH)mm	181X140X140	181X140X243	145×145×208	145×145×298
Material	ABS	ABS	ALUMINIUM	ALUMINIUM
Colour	ORANGE	ORANGE	BLACK	BLACK
Weight	1.4kg	1.6kg	4.3kg	3.4kg
Install Area	MACHINERY	MACHINERY	HAZARDOUS AREA	MACHINERY

MODEL	RV0090	SV17A	SV0070	ASTR0015
PHOTO				
Name	NON RETURN VALVE	SOL VALVE	EX. SOL VALVE	AIR STRAINER
Mounting Type	COMPONENT	COMPONENT	COMPONENT	COMPONENT
IP Grade	56	56	56	56
Gland	X	1	1	X
Dimension(WxDxH)mm	129X22X22	152×119×134	200×293×130	138×65×185
Material	BRASS	ALUMINIUM	ALUMINIUM	RESIN
Colour	BRASS NATURAL	GREEN	GREEN	BLACK
Weight	0.5kg	1kg	5.5kg	0.9kg
Install Area	SAFETY AREA	SAFETY AREA	HAZARDOUS AREA	SAFETY AREA