

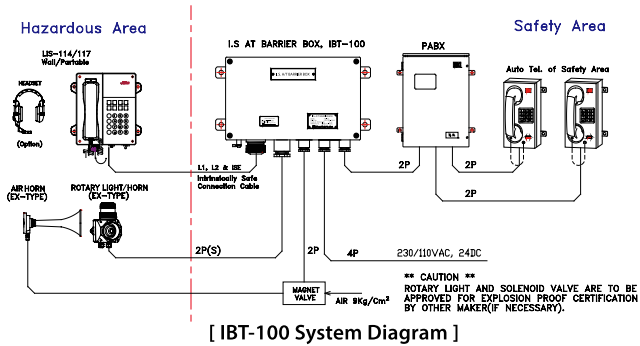
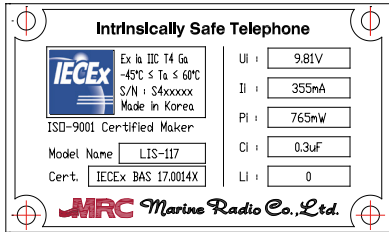
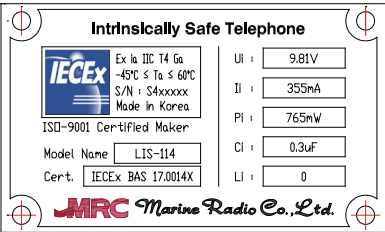
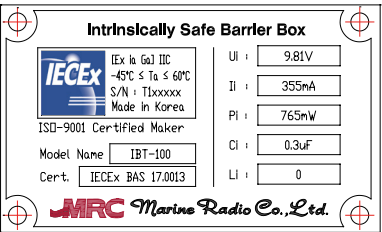
IBT-100 I.S. Auto Telephone

IBT-100 Barrier Box, certified IECEx request standard IEC60079-0, 11(SGS Baseefa Certified)

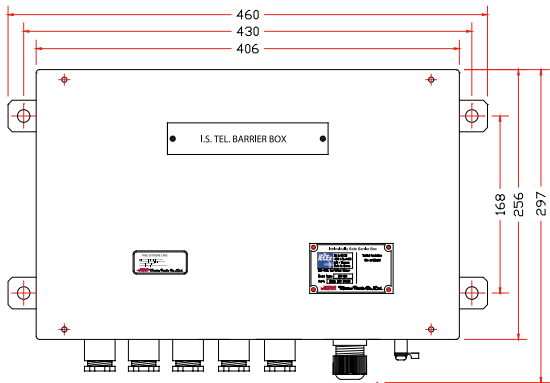
Intrinsic safety auto telephone system is officially certified by satisfying the IECEx request standard IEC60079-0, IEC60079-11. This type of A.T system can be mounted in the area that requires Group II, Zone 0, Zone 1 and 2, Gas class “C”, and temperature class T4. The intrinsically safe construction 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 switch, terminal and replay. In calling, it uses an air horn in hazardous area, and uses the buzzer and bell in safety area. The telephone set adapts the low noise OP-AMP, so it improves call tone and side tone. Moreover, it largely reduces noise incoming through a telephone transmitter, by using the 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

Name Plate of I.S. Barrier Box and Telephones



[IBT-100 System Diagram]



[Dimensions]

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



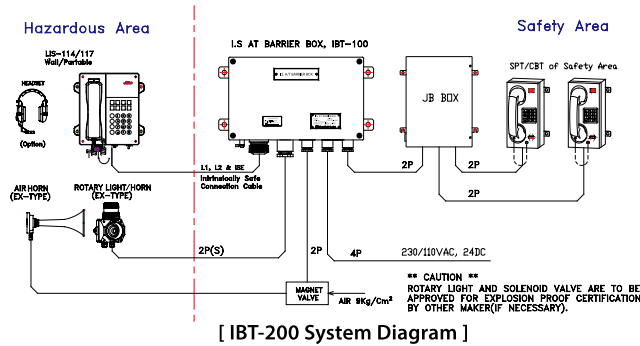
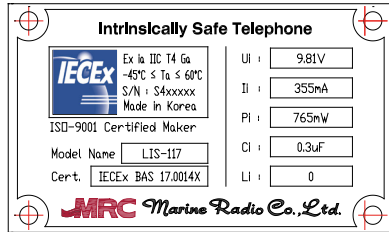
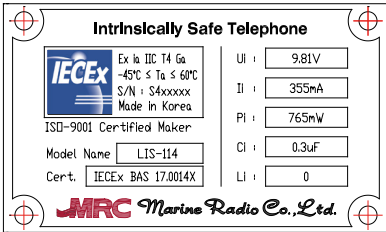
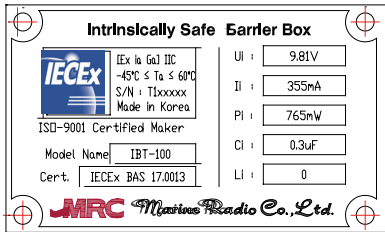
IBT-200 I.S. CBT/SPT Telephone

IBT-200 Barrier Box, certified IECEx request standard IEC60079-0, 11(SGS Baseefa Certified)

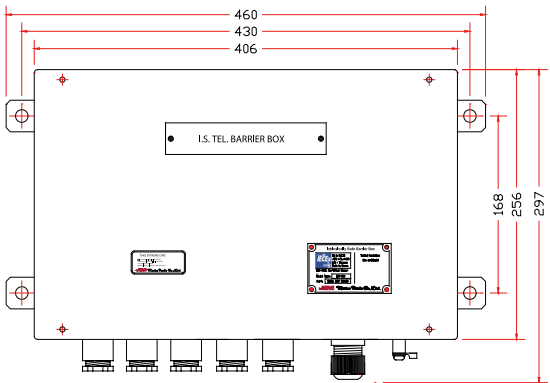
Intrinsic safety CBT and SPT system is officially certified by satisfying the IECEx request standard IEC60079-0, IEC60079-11. This type of CBT/SPT system can be mounted in the area that requires Group II, Zone 0, Zone 1 and 2, Gas class “C”, and temperature class T4. The intrinsically safe construction 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 switch, terminal and replay. In calling, it uses an air horn in hazardous area, and uses the buzzer and bell in safety area. The telephone set adapts the low noise OP-AMP, so it improves call tone and side tone. Moreover, it largely reduces noise incoming through a telephone transmitter, by using the circuit whose CMRR (Common Mode Rejection Ratio) is high. The power is supplied to “JB-BOX”. The current and voltage are limited for explosion-proof architecture.

Product Information

Name Plate of I.S. Barrier Box and Telephones



[IBT-200 System Diagram]



[Dimensions]

Specifications

Model	IBT-200
Cert. No.	IECEx BAS 15.xxxxx
Protection	Intrinsic Safety
Standards	IEC60079-0
Marking	IEC-Ex (Ex ia IIC T6)
Ambient Temp.	-45°C ≤ Ta
IP / Weight	IP44 / 8.4Kg
Color	Gray (N7-EPC)
Material	Steel PO 1.6t (Case)
Mounting	4~Ø12 (430-168)
Power	230VAC / 24VDC

