

KTH123 | Mining Intrinsically Safe Anti-noise Telephone



Use

KTH123 mining telephone has functions of double audio and impulse. It is widely used in the location where is filled with explosive gas (methane). The rated working voltage is 48V. It can work together with the automatic telephone switch which accords with the telephone coupler KTA104 to form a safe telecom system in the underground coal mine. This telephone is key-pressing type.

Meaning of Type



Technical Descriptions

The body of the telephone is made of DMC plastic, beautiful shape with high mechanical intensity. Circuit inside is used with international IC module, with compatible function of audio and impulse dialing (generally, switch is on the audio position), with the features of accurate, clear, stable, compact, light, durable, easy for maintenance, etc.

Technical Data

Rated feeding voltage (V)	Rated feeding current (A)	Ringing voltage (V)	Ringing current (mA)	Communication performance		Ringing level	External diameter of cable (Φmm)	Dimension L×W×H (mm)	Weight (kg)
				Transmission	Reception				
DC 60V	35mA	DC 60V	DC 35mA	10km artificial line ≤+18dB	10km artificial line ≤+2	≥90dB	6.5	310 × 190 × 135	3

KTH108 | Mining Intrinsically Safe Telephone



Use

This series telephone is used as communication facility in coalface, loading center, transportation tunnel, substation room, pump room where are filled with explosive gas mixture such as methane, coal dust and so on. It is connected with the coal mine host-telephone via telephone coupler to form a dispatching and administrating communication network.

Meaning of Type



Technical Descriptions

The shell of telephone is cast with DMC plastic mold, beautiful shape and high mechanical intensity. Circuit inside is used with international IC module, with compatible function of audio and impulse dialing (generally switch is on the audio position), has features of accurate, clear, stable, compact, light, durable, vibrant ringing, good sealing performance, etc.

Technical Data

Rated feeding voltage (V)	Rated feeding current (mA)	Ringing voltage (2000, Hz)	Ringing current (mA)	Communication performance		Ringing level	External diameter of cable (Φmm)	Dimension L×W×H (mm)	Weight (kg)
				Transmission	Reception				
DC/AC58	≤35	≤58	≤33	10Km artificial line ≤18	10Km artificial line ≤2	≥80dB	6.5	290 × 180 × 90	2