

### Explosion proof / Weather proof Telephone (Analogy)

	FHF Fern TEL3 and Resis TEL	Auer Safetel and WST1	LE LAS TLA229 and TLA402
			
Degine	All of telephone with display	All of telephone with display	Module design, customer can choose display, built in beacon, built in speaker, handset as option
Used In	Explosive zone and sites	Explosive zone and sites	Explosive zone and sites
Supply Voltage	24Vdc to 66Vdc	24Vdc to 66Vdc	24Vdc to 66Vdc
Supply current	15mAdc to 100mAdc	15mAdc to 100mAdc	20mAdc to 80mAdc
Ringer voltage	24Vac to 90 Vac(calling frequency 21....54Hz) 30 Vac to 90 Vac(calling frequency 16.6....54Hz)	24Vac to 90 Vac(calling frequency 21....54Hz) 30 Vac to 90 Vac(calling frequency 16.6....54Hz)	20Vac to 80Vac(calling frequency 16....64Hz)
Ringer impedance	Greater than 6.0 Kohm at 25Hz and 24...90Vac Greater than 4.0 Kohm at 50Hz and 24...90Vac	Greater than 6.0 Kohm at 25Hz and 24...90Vac Greater than 4.0 Kohm at 50Hz and 24...90Vac	Greater than 6.0 Kohm at 25Hz and 24...90Vac Greater than 4.0 Kohm at 50Hz and 24...90Vac
Weight	5.5Kg	5.5Kg	4.5Kg
Material	Reinforced polyester	Reinforced polyester	Stainless steel type reinforced Polyester carbon
Protection type	IP66	IP66	IP66
HXWXD	260X228X135mm	260X228X135mm	320X201X113
Display	2 line display	2 line display	2 line display
Explosionproof label	Eex em[ib] IIC T5 II2G	Eex em[ib] IIC T5 II2G	Eex em[ib] IIC T5 II2G
Operation temperature	-25°C to 60°C	-25°C to 40°C	-40°C to 60°C
handset	Handset with stainless steel armored handset cord	Handset with stainless steel armored handset cord	Handset with stainless steel armored handset cord
Handset position	Non adjustable	Non adjustable	Adjustable base on user prefers
Level of ring sound	90 dB /m at 50Vac/ 50Hz	90 dB /m at 50Vac/ 50Hz	95dB/m
Function of hands free	Yes	Yes	Yes

Level of conversation sound with function hands free	65dB /M 75dB/m with additional external loudspeaker	65dB /M 68dB/m with additional external loudspeaker	78dB /m Doesn't need additional external loudspeaker
Hool switch	Dry reed conntact	Dry reed conntact	Magnetic conntact
Monitor and remotely control	Non	Non	Yes, monitor by other telephone, and program by local telephone or remotely telephone with keypad.
Maintenance	Almost all components are in protection compound, impossible to repair or change	Almost all components are in protection compound, impossible to repair or change	Module design, customer can repair and change by themselves
Built in beacon	Non	Non	Yes, power supply by telephone line from PABX
Terminals	Up to 4mm <sup>2</sup> rigid, up to 2.5 mm <sup>2</sup> flexible	Up to 4mm <sup>2</sup> rigid, up to 2.5 mm <sup>2</sup> flexible	Max 1.5mm <sup>2</sup> mono wire
Cable gladn(free)	1 XM20 X1.5	1 XM20 X1.5	2 X M20 Φ13 Max