C Series

Single Channel

Current

➔ LFD

❍ When the output load resistance was detected less than 80 Ω, the output is in the fault of short circuit.

❍ When the output load resistance was detected more than 6000 Ω, the output is in the fault of line breakage.

❍ When the output is in the fault，the input current value is limited to within mA and the output current value is limited to 3mA.

➔ DIP switch settings

Position	Function
ON	The LFD function of output short-circuit/line-break on
OFF	The LFD function of output short-circuit/line-break off

❍ The LFD function of output short-circuit/line-break is fault on.

❍ The position of DIP switch has been preset correctly before delivery, please do not change it without necessary.

➔ Dimension

Width × Height × Depth: 2.8 mm × 0 mm × 7 mm

➔ Applications

This apparatus is used for transmitting signals between field devices and process control system. It can be used to connect field equipment which is installed in potentially explosive gas environment, and protect the intrinsically safe

B. Snap metal lock onto mounting rail, then rotate the safety barrier, as figure B, press down the safety barrier onto mounting rail, make sure that the BUS connector pins of safety barrier and BUS socket are in close contact.

C. Pry the metal lock off the rail with screwdriver as arrow shown, pull downward the springs, and rotate the safety barrier.

D. Remove the safety barrier as arrow shows.

❍ As far as possible to mount it vertically, In order to dissipation the heat of the apparatus.

Vertically installation

➔ Light indication

❍ **PWR**: Power indicator light shows green, it means work normally.

➔ Attention

❍ Isolated Safety Barriers degree of protection is IP 20 and must be protected from undesirable ambient conditions (waterproofing, small foreign objects). It is suitable for installation in the control room or high density field cabinet, DIN 35 mm installation is convenient for installation and displacement.

❍ The devices were designed for use in pollution degree 2 and overvoltage category III as per IEC/EN 60664- . If used in areas with higher pollution degree, the devices need to be protected accordingly.

❍ Installation position shall not be affected by strong