

Fixed rail systems

Fixed rail systems must be connected by Guldmann Service Team or by a qualified fitter.

A Guldmann class I transformer must be used.

Installation to follow existing rules for authorized electricians and according to UL/EN 60601-1.

Protective ground must be available and connected correctly. From the "connecting point/neutral point" protective ground to rail maximum permissible resistance is 0.2 Ohm.

See "Instructions: Connecting protective ground to rail".

See wiring diagram: "Classification of Guldmann Hoist System Class I – Permanent installation with protective ground on rails".

Terminals on Guldmann transformer Class I

Double-insulated UL approved cable must be used (tested for voltage over 400 Volts)

In:

- Fuse = 0,5 AT
- Terminal 1 = 0
- Terminal 2 = 100-120 Volt AC (USA)
- Terminal 3 = protective ground

Out:

- Terminal 4 = 25V AC
- Terminal 5 = 25V AC

Equipment is disconnected from Supply Mains by breaking the main breaker switch.

Classification of Guldmann Hoist System Class I
– Permanent installation with protective ground on rails

