

# KWU

## Kollmorgen Winding Unit

Kollmorgen's KWU Audible / Visual Emergency Handwinding Unit can be used to provide important feedback to service personnel about the position of the lift car under passenger entrapment conditions. Without such a unit it can be extremely difficult for a single Engineer to establish the exact position of the car, also whether or not the true car position permits

entrapped passengers to exit safely. KWU features a clear, easy-to-read display and On/Off hand-winding switch. This unit receives information about the car's exact position through a LON serial connection from the electromagnetic switch block unit mounted on the car. As the car is being hand-wound to the next stop, direction arrows and "above / below floor x"

information are given as well as confirmation of the actual floorlevel. The system is delivered complete, i.e. with electromagnetic switch block, magnets, pluggable buscable and floor display unit, ready for installation. KWU— an easily understood device providing vital information to assist the rescuing of entrapped passengers.

The electromagnetic switch block unit is mounted on the car in close proximity to one of the guide rails. Due to the special retainer of the switch block the magnets for triggering the signals can be easily placed on the guide rail.

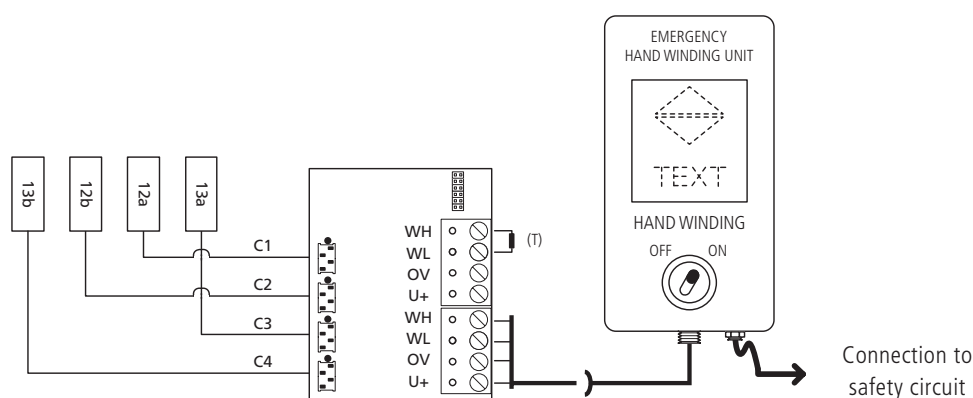


## Technical Data

Terminals on the subassembly for connecting the magnetic switch

Terminal	Bus interfaces	Terminal	Power supply
WH	Connecting network bus - high	WH	Earth
WL	Connecting network bus - low	WL	Supply voltage 12 - 24 V DC; 70 mA
Terminal	Input terminals	Terminal	Input terminals
C1	Magnetic switch 12a	C3	Magnet switch 13a
C2	Magnetic switch 12b	C4	Magnet switch 13b

## Connecting Subassemblies



The terminals WH and WL connect between both subassemblies.

The power supply can be made through the 12 V emergency lighting units in the control system.

Article Number	Description
8S40-40-180	Remote Hand Winding Unit Set with Magnetswitch and Cable
2N11-03-024	Magnet Holder MH24 - 1 Correction/Prelimit Switch Bottom
2N11-03-023	Magnet Holder MH23 - 1 Correction/Prelimit Switch Top
2N10-70-001	Switch Magnet SC 15 Red Color South Pole