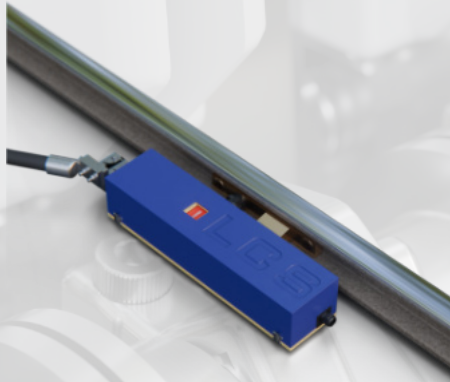


TRACK DISCONNECTOR CONDUCTOR RAIL (TDCR)

Battery powered motorised track mounted disconnector



Key Features

- Direct replacement for rail mounted Hook Switch, can be adapted to suit all types of rail mounted inline switches.
- Linear actuator driven sliding switch.
- Can be used in place of a TD, Track Disconnector, where space is limited.
- Operated by either fixed or portable controller with 24V rechargeable battery.
- Switch is enclosed reducing chance of contact contamination.
- Can be operated up to 200m away.

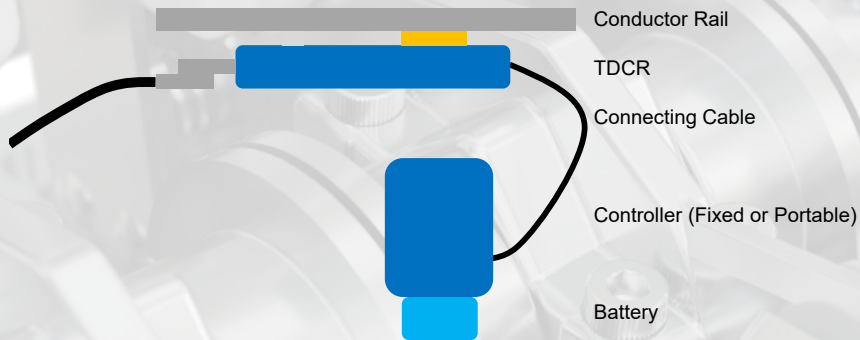
Benefits

- Developed to support Network Rail's Safer Faster Isolation philosophy
- Does not require a hook stick or the operator to stand adjacent to the switch to operate, therefore significantly reducing the risk to the operator.
- Automatically locks in open or closed position and therefore eliminates the need for separate locking catches.
- Fully type tested to BS EN 50123
- Utilises same mounting holes as existing hook switch
- Connecting lug can be set horizontally or vertically to assist with cable connection
- Can operate up to 50 times from a single charge

Construction

The TDCR consists of a number of elements:

- The rail mounted switch with a linear actuator driving the well proven, ubiquitous MaxE contacts (separate flyer available) all housed within a protective cover.
- A controller connection point, this can be close to the switch or up to 200m away.
- A battery powered controller. This can be hand carried to the controller connection point or permanently installed in a cabinet, adjacent to the connection point. In this case the operated only needs to carry the battery.



Ratings

- | | |
|---|------------|
| • Nominal Voltage | 750V |
| • Power Frequency withstand Voltage | 5.5/6.6kV |
| • Rated Current | 4000A |
| • Short time withstand current | 65kA 250ms |
| • Operating time | <5s |
| • No. of operations per fully charged battery | 50 |

