

6.20 SD –LCS2 (TIS / TD) 1 Pole Supply Disconnecter - 4000A 750V DC - Network Rail No PA05/00454

NetworkRail

APPLICATION - OFF LOAD

Distribution of power from substations and track isolation

Construction

5mm and 10mm heavy duty GRP enclosure

Low profile allowing the enclosure to be mounted close to the track

Features

- ☐ IP56
- ☐ Padlock facilities for both open and closed
- ☐ Heavy duty insulated operating handle
- ☐ Insulating Gland Plates

Installation

The switch can be installed by the following methods:

- ☐ Back to back mounting frame (Available from LCS see below)
- ☐ Wall mounted (Vertical)

Cabling

4 x 1000mm² Aluminium positive cable in and out

Switch Features

Large isolation distance

Self-cleaning contacts

High resistance to short circuit currents

Electrical Characteristics



Nominal Current	4000 A
1 st wave peak value	150kA
I r.m.s.	70kA for 1 s
Nominal Voltage	7.2kV

Dimensions

Length	1200 mm
Height	815 mm
Depth	400 mm
Weight	83 kg



Versions

Description LCS 2 Standard	No 8800185	NR Part No 055/028645	
LCS 2 with Interlock facility and microswitches to ensure that only one of the pair can be 'CLOSED' at a time	8800345		

Alternative Feed Applications

Where two alternative feeds are required two LCS2's can be provided on one twin frame.

These LCS2's need to be the **8800345** version which have an interlock facility and microswitches to ensure that only one of the pair can be 'CLOSED' at a time.