The S51 lever switch series, specially developed for the rail sector, offers a high degree of robustness as well as a long service life. Typically, this high-quality product is found in driver's cab consoles of rail traction units.

All current standards (EN 50155, UIC 612, EN 45545 ...)
were observed in the course of development.

## Technical data

Deflection angle
Mechanical life
Ambient temperature range
Degree of protection

Supply voltages

## Reference to relevant standards

Fire protection
Driver-machine interfaces for EMU/DMU, locomotives and control cars

Protection by housing
Railroad applications - Electronic equipment on railroad vehicles

Vibration and shock tests
Climatic tests

Total: $\pm 34^{\circ}\left(-34^{\circ} /-17^{\circ} / 0^{\circ} /+17^{\circ} /+34^{\circ}\right)$
5 million operating cycles
$-40^{\circ} \mathrm{C}$ til $+70^{\circ} \mathrm{C}$ (OT3 acc. to EN50155)
IP54 (above the mounting plate)
IP20 (below the mounting plate)
24 VDC, 72 VDC, 110 VDC
with fluctuations acc. to EN 50155


EN 45545 part 2

UIC 612

EN 60529

EN 50155

EN 61373
EN 60068

1 contact
2 contacts
3 contacts
4 contacts
5 contacts
6 contacts
Positively driven NC silver contacts (standard)
Positively driven NC gold contacts



grip $B$

hole pattern
with anti-twist

