

## MAX-E SWITCH

Off load isolator and changeover disconnectors.

Specifically designed and tested to comply to: BS EN 50123 & BS EN 50124 Railway Standards

### Key Features

- Stainless steel parts
- 1 to 6 poles
- Clear isolation distance between contacts
- Stable temperature rise characteristics
- High short circuit current withstand
- Flexible foot mounting Unistrut compatible

### Design

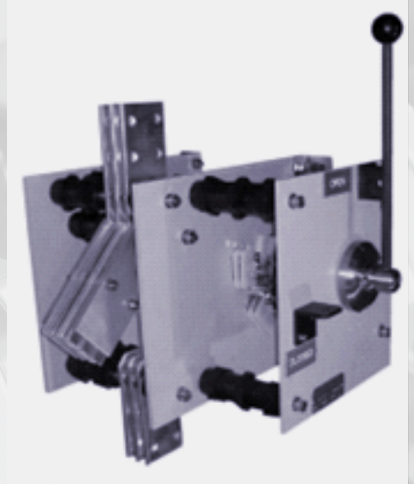
- Self-cleaning silver-plated contacts
- Insulating parts made from highly durable materials
- Spring tensioned twin blade contacts provide excellent electrical contact

### Typical Applications

- Isolation of railway installations where a high voltage withstand is required
- Electrical Characteristics AC & DC
- Rated thermal current in accordance with BS EN 50123  
i.e. maximum temperature rise of 70C

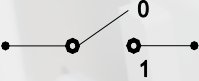
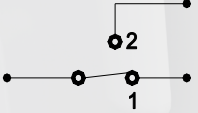
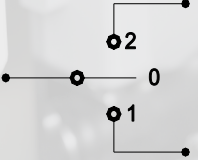
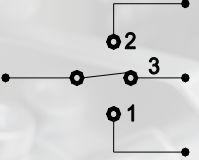
### Options and variations

- Manual or Electric Actuator Drive (Various Voltages)
- Auxiliary Microswitches  
(at the front for servicing and maintenance)
- Interlocking cam
- Interlocks
- Padlocking facilities



# MAX-E SWITCH

## Technical Details and variations

			
Disconnector (1-0)	Changeover (1-2) [there is no isolation gap between position 1 & 2]	Changeover Disconnector (1-0-2)	3 Position Changeover (1-3-2)

AC Rated Thermal current A 50/60 Hz	1250	2000	2500	4000
DC Rated Thermal current INe	1250	2000	2500	4000
Nominal voltage Un:	1.5kV	1.5kV	1.5kV	1.5kV
Rated voltage UNE	1.8kV	1.8kV	1.8kV	1.8kV
Rated insulation voltage UNM	2.3kV	2.3kV	2.3kV	2.3kV
Overtoltage category	OV4	OV4	OV4	OV4
Pollution degree:	PD4	PD4	PD4	PD4
Dielectric Voltage Withstand @ 50Hz for 1 min.	20kV	20kV	20kV	20kV
Dielectric Voltage Withstand / Aux contacts @ 50Hz for 1 min.	2kV	2kV	2kV	2kV
Rated impulse voltage UNI	20kV	20kV	20kV	20kV
Rated short circuit capacity INCW for 250ms.	65kA	65kA	65kA	100kA
Maximum operating temperature	140°C	140°C	140°C	140°C
Mechanical endurance in cycles	5000	5000	10000	10000

