



# Switchgear Division

## Product Data Sheet

### Applications

- Package Substations
- MV/AIS
- Ring Main Units

### Operational Features

Plated knife connectors

Busbars can be connected by optional flexible busbar connectors to accommodate for thermal expansion or mechanical vibration

90 degree or other bend to avoid specification of busbar bending



### Contact Details

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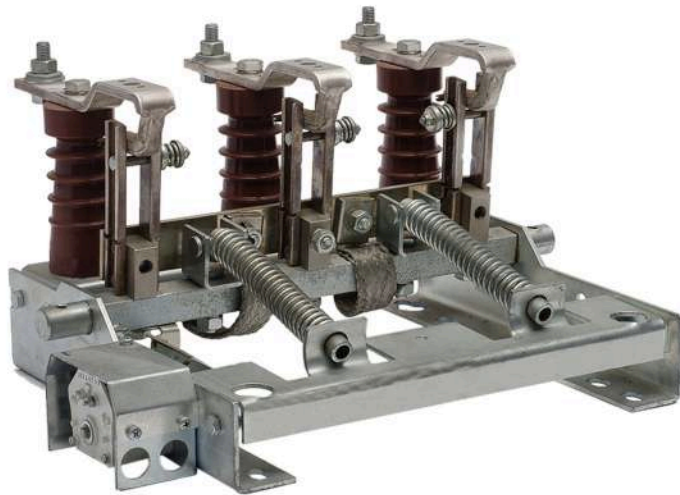
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### Websites

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## Disconnectors & Earthing Switches



Disconnect switches are used to disconnect circuits under no-load conditions for maintenance or safety reasons. Available from 12kV up to 36kV for indoor operation in medium voltage switchgear or pad-mounted cabinets.

### Suggested Operating Parameters

Parameter	Value	Unit
Rated voltage	12, 15, 24, 36	kV
Number of Poles	3	
Distances between poles	100 - 300 ( $\pm 0,5$ )	mm
Short circuit current (Is)	40	kA
Rated current	400 to 2500	A
Operating frequency	50 - 60	Hz

## YOU DESIGN IT, WE MANUFACTURE IT

Talk to us about your design, submit your drawings and technical requirements to MSS and let us quote competitively

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**+44 (0)161 703 9990**

# Disconnectors & Earthing Bars Switches

## Case Study

### The Situation

Minimising costs is the main target for all of our customers. The challenge is purchasing high-quality copper components to assemble a final product with significant outsourced cost savings.

### Diagnosis

MSS will understand the customers' expectations through multiple discussions and on-site visits. MSS will suggest the most optimum solution to solve the current issues faced by many switchgear manufacturers. Customers had an in-house assembly operation that was not strategic, incurred costs of purchasing from multiple vendors and storing raw materials and fixed costs of labour.

### Solution

MSS worked with a client to start production of an Assembly, composed of 55 individual components. The majority of components were manufactured by MSS with some being sourced from our network of strategic suppliers.

### The Result

MSS developed the finished and approved assembly helping the customer reduce their supplier base from 7 different suppliers to a single source (MSS). This hassle-free solution to outsource their assembly project increased their in-house space availability for all other products, significantly reduced operational costs and allowed our client to reassign members of staff to other priorities.