

## Features

- 4 Pole
- Panel mounting
- Maximum current of 100A
- Power rating of 55kW
- Voltage rating of 690 V AC
- Switch rating of 30kA
- Operating temperature of -25°C to +80°C
- IP54 rating
- Red handle colour
- Accepts padlocks
- Length of 270 mm
- Depth of 125mm
- Auxillary contacts available
- Three Phases

## RS PRO Switched Neutral Metal Clad Enclosed Switch-Disconnecter

RS Stock No.: 7738049



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

## Product Description

When you need to work on an electrical circuit safely, you can use an isolation switch to separate it from the main source of power. This non-fused isolator switch from RS PRO will power down or isolate part of a circuit whenever you need to carry out maintenance on it.

As this is a non-fused device, you disconnect using a knife-blade or rotary function so it can be reset without replacing a fuse. It will operate at temperatures from -25°C to +80°C and can be used in a wide range of applications.

The switch conforms to ANSI/ESD S20.20:2014 and BS EN 61340-5-1:2007 standards and won't damage your equipment through electrostatic discharge. It is dust resistant and can withstand water spray. You'll find these switches used in low voltage switchgear such as power distribution, load isolation and motor start/stop.

## General Specifications

<b>Standards</b>		EN / BS 60947-3		
		<b>Switch Code</b>		
<b>Data</b>	<b>Range</b>	<b>Units</b>	<b>773 - 8049</b>	
<b>Rated Operational Voltage Ue</b>	Volts	V	690	
<b>Rated impulse withstand Voltage Uimp</b>	Volts	kV	6	
<b>Rated uninterrupted current Iu</b>	Amps	A	100	
<b>Rated Operational current Ie</b>				
IEC/EN	AC22	Up to 690V	A	100
	AC-21A	Up to 690V	A	100
	AC-1	Up to 690V	A	100
<b>Rated Operational Power AC-23A (50 to 60Hz)</b>				
IEC/EN	3Phase	220-240 V	kW	44
		380-440 V	kW	90
		500-690 V	kW	90
<b>Rated Operational Power AC-3 (50 to 60Hz)</b>				
IEC/EN	3Phase	220-240 V	kW	37
		380-440 V	kW	55
		500-690 V	kW	55
<b>Short Circuit Capacity (IEC/EN):</b>				
<b>Max .Fuse size (Type gG)</b>	Amp	A	125	
<b>Rated fused short circuit current</b>	Amp	kA	30	
<b>Terminal Specification</b>				
<b>Single/Multiple strand wire</b>		Min-mm <sup>2</sup>	2.5	
		Max-mm <sup>2</sup>	50	
<b>Fine-Strand Wire with sleeve</b>		Min-mm <sup>2</sup>	4	
		Max-mm <sup>2</sup>	50	
<b>Recommended Tightening Torque</b>		Nm	2.5	

## Technical Diagram

### Terminal Configuration



Note : Neutral contact is Early make / Late Break

### Enclosure Dimensions

