

Features

- 4 Pole
- Panel mouting
- 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-Disconnector

RS Stock No.: 7738049



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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.

Metal Clad Switch-Disconnectors



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.

Metal Clad Switch-Disconnectors



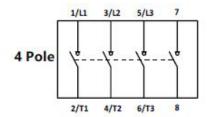
General Specifications

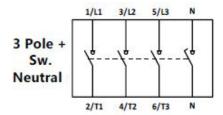
Standard	ds	EN / BS 609	47-3	
		•		Switch Code
Data		Range	Units	773 - 8049
Rated Operational Voltage Ue		Volts	V	690
Rated impulse withstand Voltage Uimp		Volts	kV	6
Rated uninterrupted current lu		Amps	А	100
Rated O	perational current	t le		
IEC/EN	AC22	Up to 690V	А	100
	AC-21A	Up to 690V	А	100
	AC-1	Up to 690V	А	100
Rated O	perational Power	AC-23A (50 t	o 60Hz)	
IEC/EN	3Phase	220-240 V	kW	44
·		380-440 V	kW	90
		500-690 V	kW	90
Rated O	perational Power	AC-3 (50 to 6	OHz)	
IEC/EN	3Phase	220-240 V	kW	37
		380-440 V	kW	55
		500-690 V	kW	55
Short Cir	rcuit Capacity (IEC	/EN):	<u>I</u>	
Max .Fuse size (Type gG) Amp			А	125
Rated fused short circuit current		Amp	kA	30
	l Specification			
Single/Multiple strand wire Fine-Strand Wire with sleeve			Min- mm²	2.5
			Max- mm²	50
			Min- mm²	4
			Max- mm²	50
Recommended Tightening Torque			Nm	2.5



Technical Diagram

Terminal Configuration





Note: Neutral contact is Early make / Late Break

Enclosure Dimensions

