

## FEATURES

- Easy installation
- Compact and reliable
- Finger protection
- Padlockable for added security
- Single hole for front mounting
- 90° switching angle
- Forced open contacts
- Terminal screws in open contacts
- All switch rating at AC22
- Maximum panel thickness 3mm
- Minimum depth behind panel 102mm
- Maximum depth behind panel 117mm
- Actuator dimensions 64x64x32mm
- IP65 product rating (protection from total dust ingress)

## RS PRO Non-Fused Switch Disconnectors

RS Stock No.: 466144

Allied SKU: 70825875



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

*This Panel Mount Non- fused isolator switch from our high-quality own brand RS PRO is designed for use with low voltage switchgear such as power distribution, load isolation and motor start/stop.*

## General Specifications

<b>Number of Poles</b>	3
<b>Accepts Padlocks</b>	Yes
<b>Handle Type</b>	Handle included
<b>Handle Colour</b>	Red
<b>Applications</b>	This type of non-fused isolator switch will be found isolating circuit breakers, transmission lines, transformers and a multitude of other applications.

## Electrical Specifications

<b>Rated operational voltage Ue IEC &amp;EN</b>	690 V
<b>Rated operational voltage Ue UL</b>	600 V
<b>Rated impulse withstand voltage Uimp</b>	6 kV
<b>Rated uninterrupted current Iu</b>	40 A
<b>Rated operational current Ie AC22A</b>	40 A
<b>Rated operational current Ie AC21A</b>	63 A
<b>Rated operational current Ie AC1</b>	63 A
<b>Rated operational power AC23A (50/60Hz) 230V</b>	22 kW
<b>Rated operational power AC23A (50/60Hz) 415V</b>	30 kW
<b>Rated operational power AC23A (50/60Hz) 690V</b>	45 kW
<b>Rated operational power AC3 (50/60Hz) 230V</b>	15 kW
<b>Rated operational power AC3 (50/60Hz) 415V</b>	18.5 kW
<b>Rated operational power AC3 (50/60Hz) 690V</b>	30 kW
<b>UL power rating 3 phase DOL 110V</b>	5 hp
<b>UL power rating 3 phase DOL 230V</b>	10 hp
<b>UL power rating 3 phase DOL 480V</b>	20 hp
<b>UL power rating 3 phase DOL 600V</b>	30 hp
<b>UL power rating 1 phase DOL 110V</b>	3 hp
<b>UL power rating 1 phase DOL 230V</b>	5 hp
<b>UL short circuit fuse rating class J</b>	70 A
<b>UL rated fused short circuit current</b>	10 kA
<b>IEC short circuit capacity max fuse size GI</b>	63 A
<b>IEC rated fused short circuit current</b>	30 kA
<b>Maximum terminal capacity</b>	25 mm <sup>2</sup>

## Mechanical Specifications

Mounting Type	Panel mount
Length/ Height	87mm
Width	68mm
Depth	56mm
Handle Length	64 mm
Handle Width	64 mm
Handle Depth	42 mm
Handle Weight	0.265 Kg
Recommended Tightening Torque	2.0 Nm

## Protection Category

IP Rating	IP65
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## Approvals

Compliance/Certifications	CSA, ANSI/UL 508
Declarations	Statement of conformity

## Similar Products

Parameters	Stock#773-7960	Stock#773-8002	Stock#773-8018	Stock#773-8008
Brand	RS RPO	RS RPO	RS RPO	RS RPO
Number of Poles	4	3	3	4
Accepts Padlocks	Yes	Yes	Yes	Yes
Auxiliary Contacts Available		Yes	Yes	Yes
Electrical Phase	3	3	3	3
Maximum Current	25A	25A	63A	63A
Rated Operational Current Ie AC21A	25A	25A	63A	63A
Voltage Rating	690V ac	690V ac	690V ac	690V ac
Rated Operational Power AC23A 440V	11 kW (400V)	11 kW (380-440V)	18.5 kW (440V)	30 kW (380-440V)
Power Rating	11 kW	11 kW	18.5kW	30kW
Switch Rating	5kA	5kA	30kA	30kA

# Non-Fused Switch Disconnectors



<b>Maximum gL Fuse Size IEC</b>	20A	20A	63A	63A
<b>Rated Fused Short Circuit Capacity IEC</b>	5kA	5kA	30kA	30kA
<b>Maximum Cable Capacity</b>		6mm <sup>2</sup>	10mm <sup>2</sup>	10mm <sup>2</sup>
<b>Mounting Type</b>	Panel Mount	Panel Mount	Panel Mount	Panel Mount
<b>Length</b>	175mm	220mm	220mm	220mm
<b>Width</b>	125mm	145mm	145mm	145mm
<b>Depth</b>	90mm	90mm	90mm	90mm
<b>Depth Including Switch</b>	134mm	134mm	134mm	134mm
<b>Recommended Tightening Torque</b>	1.7Nm	1.7Nm	2Nm	2Nm
<b>IP Rating</b>	IP65	IP54	IP54	IP65
<b>Compliance/Certifications</b>	UL 508, EN60947,	EN60947	UL 508	UL 508, EN60947
<b>Normal Operating Temperature</b>	-25°C to +40°C	-25°C to +40°C	-25°C to +40°C	-25°C to +40°C
<b>Applications</b>	<ul style="list-style-type: none"> <li>• Non-inductive or slightly inductive loads, resistance furnaces</li> <li>• Squirrel - cage motors: starting, switching off motors during running</li> <li>• Control of AC electromagnetic loads</li> <li>• Switching of resistive loads, including moderate overloads</li> <li>• Switching of motor loads or other highly inductive loads</li> <li>• Switching of mixed resistive and inductive loads</li> </ul>	<ul style="list-style-type: none"> <li>• Non-inductive or slightly inductive loads, resistance furnaces</li> <li>• Squirrel - cage motors: starting, switching off motors during running</li> <li>• Control of AC electromagnetic loads</li> <li>• Switching of resistive loads, including moderate overloads</li> <li>• Switching of motor loads or other highly inductive loads</li> <li>• Switching of mixed resistive and inductive loads</li> </ul>	<ul style="list-style-type: none"> <li>Non-inductive or slightly inductive loads, resistance furnaces, Squirrel - cage motors, Control of AC electromagnetic loads</li> </ul>	<ul style="list-style-type: none"> <li>• Non-inductive or slightly inductive loads, resistance furnaces</li> <li>• Squirrel - cage motors: starting, switching off motors during running</li> <li>• AC Control electromagnetic loads</li> <li>• Switching of resistive loads, including moderate overloads</li> <li>• Switching of motor loads or other highly inductive loads</li> <li>• Switching of mixed resistive and inductive loads</li> </ul>