

## FEATURES

- Easy installation
- Compact and reliable
- Finger protection
- Wiping contacts
- IP65 product rating (protection from total dust ingress)
- Padlockable handles
- Excellent switching and high short circuit capacity
- Flame retardant material
- Maximum voltage 750V
- ABS, metal-clad, diecast and stainless-steel versions available

# RS PRO Non-Fused Switch Disconnectors

RS Stock No.: 773-8018

Allied SKU: 70826643



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

Boxed isolator switch disconnector 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. The RS PRO range comes in 3, 4 and 6 pole versions and has a power output available up to 90 kW.

## General Specifications

<b>Number of Poles</b>	3
<b>Accepts Padlocks</b>	Yes
<b>Auxiliary Contacts Available</b>	Yes
<b>Handle Type</b>	Metal enclosure with padlockable handle
<b>Handle Colour</b>	Red
<b>Applications</b>	Non-inductive or slightly inductive loads, resistance furnaces, Squirrel - cage motors, Control of AC electromagnetic loads

## Electrical Specifications

<b>Electrical Phase</b>	3
<b>Maximum Current</b>	63A
<b>Rated Operational Current Ie AC21A</b>	63A
<b>Voltage Rating</b>	690V ac
<b>Rated Operational Power AC23A 440V</b>	18.5 kW
<b>Power Rating</b>	18.5kW
<b>Switch Rating</b>	30kA
<b>Colour of base</b>	RAL7043
<b>Colour of Lid</b>	RAL7032
<b>Rated operational current Ie AC22A</b>	40A
<b>Maximum gL Fuse Size IEC</b>	63A
<b>Rated Fused Short Circuit Capacity IEC</b>	30kA
<b>Rated operational power AC3 440V</b>	11kW
<b>Maximum Cable Capacity</b>	10mm <sup>2</sup>

## Mechanical Specifications

<b>Mounting Type</b>	Panel Mount
<b>Length</b>	220mm
<b>Width</b>	145mm
<b>Depth</b>	90mm
<b>Depth Including Switch</b>	134mm
<b>Recommended Tightening Torque</b>	2Nm

## Operation Environment Specifications

<b>Normal Operating Temperature</b>	-25°C to +40°C
<b>Minimum Operating Temperature</b>	-25°C
<b>Maximum Operating Temperature</b>	+80°C

## Protection Category

<b>IP Rating</b>	IP54
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## Approvals

<b>Compliance/Certifications</b>	UL 508
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## 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

# Non-Fused Switch Disconnectors



Switch Rating	5kA	5kA	30kA	30kA
Maximum gL Fuse Size IEC	20A	20A	63A	63A
Rated Fused Short Circuit Capacity IEC	5kA	5kA	30kA	30kA
Maximum Cable Capacity		6mm <sup>2</sup>	10mm <sup>2</sup>	10mm <sup>2</sup>
Mounting Type	Panel Mount	Panel Mount	Panel Mount	Panel Mount
Length	175mm	220mm	220mm	220mm
Width	125mm	145mm	145mm	145mm
Depth	90mm	90mm	90mm	90mm
Depth Including Switch	134mm	134mm	134mm	134mm
Recommended Tightening Torque	1.7Nm	1.7Nm	2Nm	2Nm
IP Rating	IP65	IP54	IP54	IP65
Compliance/Certifications	UL 508, EN60947,	EN60947	UL 508	UL 508, EN60947
Normal Operating Temperature	-25°C to +40°C	-25°C to +40°C	-25°C to +40°C	-25°C to +40°C
Applications	<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> </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> </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> </ul>

## Non-Fused Switch Disconnectors



	<ul style="list-style-type: none"><li>• Switching of mixed resistive and inductive loads</li></ul>	<ul style="list-style-type: none"><li>• Switching of mixed resistive and inductive loads</li></ul>		<ul style="list-style-type: none"><li>• Switching of mixed resistive and inductive loads</li></ul>
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