

## 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.: 860-9541

Allied SKU: 70658515



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>	No
<b>Handle Type</b>	ABS plastic enclosure with padlockable handle
<b>Handle Colour</b>	Red
<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>

## Electrical Specifications

<b>Maximum Current</b>	100A
<b>Rated Operational Current Ie AC21A</b>	100A
<b>Voltage Rating</b>	690V ac
<b>Rated Operational Power AC23A 380-440V</b>	55 kW
<b>Power Rating</b>	55kW
<b>Switch Rating</b>	30kA
<b>Rated operational current Ie AC22A</b>	100A
<b>Rated operational power AC3 440V</b>	45kW
<b>Maximum gL Fuse Size IEC</b>	125A
<b>Rated Fused Short Circuit Capacity IEC</b>	30kA
<b>Maximum Cable Capacity</b>	50mm <sup>2</sup>

## Mechanical Specifications

Mounting Type	Panel Mount
Length	270mm
Width	215mm
Depth	122mm
Knockout size	25mm
Recommended Tightening Torque	2.5Nm

## Operation Environment Specifications

Normal Operating Temperature	-25°C to +40°C
Minimum Operating Temperature	-25°C
Maximum Operating Temperature	+80°C

## Protection Category

IP Rating	IP65
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## Approvals

Compliance/Certifications	EN60947
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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

# Non-Fused Switch Disconnectors



<b>Rated Operational Power AC23A 440V</b>	11 kW (400V)	11 kW (380-440V)	18.5 kW (440V)	30 kW (380-440V)
<b>Power Rating</b>	11 kW	11 kW	18.5kW	30kW
<b>Switch Rating</b>	5kA	5kA	30kA	30kA
<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</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> </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</li> </ul>



	<p>moderate overloads</p> <ul style="list-style-type: none"> <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>• 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>	<p>loads, including moderate overloads</p> <ul style="list-style-type: none"> <li>• Switching of motor loads or other highly inductive loads</li> <li>• Switching of mixed resistive and inductive loads</li> </ul>
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