

## 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.: 860-9545

Allied SKU: 70658516



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>Handle Type</b>	ABS plastic enclosure with padlockable handle
<b>Handle Colour</b>	Red
<b>Number of possible auxilliary contacts</b>	None
<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>	125A
<b>Rated Operational Current Ie AC21A</b>	125A
<b>Voltage Rating</b>	690V ac
<b>Rated Operational Power AC23A 380-440V</b>	75kW
<b>Power Rating</b>	75kW
<b>Switch Rating</b>	30kA
<b>Rated operational current Ie AC22A</b>	125A
<b>Rated operational power AC3 440V</b>	55kW
<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
Rated Operational Power AC23A 440V	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 moderate overloads</li> <li>• Switching of motor loads or</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,</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</li> </ul>



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