

## **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 stainlesssteel versions available

# RS PRO Non-Fused Switch Disconnectors

RS Stock No.: 860-9535

Allied SKU: 70658513



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**

Number of Poles	3
Accepts Padlocks	Yes
Auxiliary Contacts Available	No
Handle Type	ABS plastic enclosure with padlockable handle
Handle Colour	Red
Applications	<ul> <li>Non-inductive or slightly inductive loads, resistance fumaces</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**

Maximum Current	40A
Rated Operational Current le AC21A	40A
Voltage Rating	690V ac
Rated Operational Power AC23A 380-440V	18.5 kW
Power Rating	18.5 kW
Switch Rating	30kA
Rated operational current le AC22A	32A
Rated operational power AC3 440V	11kW
Maximum gL Fuse Size IEC	32A
Rated Fused Short Circuit Capacity IEC	30kA
Maximum Cable Capacity	6mm <sup>2</sup>



## **Mechanical Specifications**

Mounting Type	Panel Mount
Length	125mm
Width	100mm
Depth	74mm
Depth including switch	118mm
Knockout size	20mm
Recommended Tightening Torque	1.7Nm

## **Operation Environment Specifications**

Normal Operating Temperature	-25°C to +40°C
Minimum Operating Temperature	-25°C
Maximum Operating Temperature	+40°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 le AC21A	25A	25A	63A	63A
Voltage Rating	690V ac	690V ac	690V ac	690V ac

# Non-Fused Switch Disconnectors



Rated Operational Power AC23A 440V 11 kW (380-440V) 2440V 340V 340V 340V 340V 340V 340V 340V					
Switch Rating  Six Maximum gL Fuse Size IEC  20A  20A  63A  63A  63A  Rated Fused Short Circuit Capacity IEC  Maximum Cable Capacity  Mounting Type  Panel Mount P	•	11 kW(400V)			
Maximum gL Fuse Size IEC       20A       20A       63A       63A         Rated Fused Short Circuit Capacity IEC       5kA       5kA       30kA       30kA         Maximum Cable Capacity       6mm²       10mm²       10mm²         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       EN60947       UL 508       UL 508, EN60947         Normal Operating Temperature       -25°C to +40°C       -40°C       -40°C       -40°C       -40°C       -40°C       -40°C       -40°C       -40°C       -40°C       -60°C       -10°C       -10°C<	Power Rating	11 kW	11 kW	18.5kW	30kW
Rated Fused Short Circuit Capacity IEC  Maximum Cable Capacity  Mounting Type Panel Mount Length 175mm Panel Mount	Switch Rating	5kA	5kA	30kA	30kA
Capacity IEC   SKA   SKA   30KA   3	Maximum gL Fuse Size IEC	20A	20A	63A	63A
Mounting Type		5kA	5kA	30kA	30kA
Length   175mm   220mm   220mm   220mm   220mm   Width   125mm   145mm   145mm   145mm   145mm   145mm   145mm   190mm   90mm   90mm   90mm   90mm   90mm   134mm   120mm   20mm   20m	Maximum Cable Capacity		6mm <sup>2</sup>	10mm <sup>2</sup>	10mm <sup>2</sup>
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     • Non-inductive or slightly inductive or slightly inductive loads, resistance fumaces, switching off motors: starting, switching off motors during running - Control of AC electromagnetic loads     • Squirrel - cage motors: starting, switching off motors during running - Control of AC electromagnetic loads     • Control of AC electromagnetic cloads	Mounting Type	Panel Mount	Panel Mount	Panel Mount	Panel Mount
Depth   134mm   14mm	Length	175mm	220mm	220mm	220mm
Depth Including Switch   134mm   14mm   14m	Width	125mm	145mm	145mm	145mm
Recommended Tightening Torque  IP Rating  IP65  IP54  IP54  IP54  IP65  Compliance/Certifications  UL 508, EN60947,  EN60947  EN60947  Normal Operating Temperature  -25°C to +40°C  Applications  Non-inductive or slightly inductive loads, resistance fumaces - Squirrel - cage motors: starting, switching off motors during running - Control of AC electromagnetic loads - Switching of resistive loads, resistance fumaces - Switching of resistive loads, resistance fumaces - Switching of resistive loads, resistance fumaces - Control of AC electromagnetic loads - Switching of resistive loads, resistance fumaces - Control of AC electromagnetic loads - Control of AC electromagnetic cloads - Control of AC electromagnetic cloads - Switching of resistive loads, resistance fumaces - Control of AC electromagnetic cloads - Control of AC electromagnetic cloads	Depth	90mm	90mm	90mm	90mm
Torque   T	Depth Including Switch	134mm	134mm	134mm	134mm
Compliance/Certifications  UL 508, EN60947,  EN60947  EN60947  UL 508  UL 508, EN60947  Normal Operating Temperature  -25°C to +40°C  Non-inductive or slightly inductive or slightly inductive loads, resistance fumaces - Squirrel - cage motors: starting, switching off motors during running - Control of AC electromagnetic loads - Switching of resistive loads, resistive loads, resistance fumaces - Control of AC electromagnetic loads - Switching of resistive loads, resistive loads, resistance fumaces - Squirrel - cage motors: starting, switching off motors during running - Control of AC electromagnetic loads - Switching of resistive loads, resistance fumaces - Squirrel - cage motors: starting, switching off motors during running - Control of AC electromagnetic loads		1.7Nm	1.7Nm	2Nm	2Nm
Normal Operating Temperature  -25°C to +40°C  Non-inductive or slightly inductive loads, resistance furnaces  - Squirrel - cage motors: starting, switching off motors during running  - Control of AC electromagnetic loads  - Switching of resistive loads, or suit to face the face of the face	IP Rating	IP65	IP54	IP54	IP65
Applications  -25°C to +40°C	Compliance/Certifications	·	EN60947	UL 508	· ·
Non-inductive or slightly inductive loads, resistance fumaces     Squirrel - cage motors: starting, switching off motors during running     Control of AC electromagnetic loads     Switching of resistive loads,      Switching of resistive loads,      Switching of resistive loads,      Sourrel - cage motors: starting, switching off motors during running      Control of AC electromagnetic loads     Switching of resistive loads,      Sourrel - cage motors: starting, switching off motors during running      Control of AC electromagnetic loads     Switching of resistive loads,      Sourrel - cage motors: starting, switching off motors during running      Control of AC electromagnetic loads     Switching of resistive loads,      Sourrel - cage motors: starting, switching off motors during running      AC control of electromagnetic c loads      Control of AC electromagnetic c loads      Switching of resistive loads,	Normal Operating Temperature	-25°C to +40°C			
including c loads • Switching of resistive	Applications	or slightly inductive loads, resistance fumaces  • Squirrel - cage motors: starting, switching off motors during running  • Control of AC electromagnetic loads  • Switching of resistive loads,	inductive or slightly inductive loads, resistance fumaces • Squirrel - cage motors: starting, switching off motors during running • Control of AC electromagneti	or slightly inductive loads, resistance fumaces, Squirrel - cage motors, Control of AC electromagneti	inductive or slightly inductive loads, resistance fumaces  • Squirrel - cage motors: starting, switching off motors during running  • AC Control electromagneti c loads  • Switching of

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moderate overloads  • Switching of motor loads or other highly inductive loads  • Switching of mixed resistive and inductive loads	overloads  • Switching of	loads, including moderate overloads  • Switching of motor loads or other highly inductive loads  • Switching of mixed resistive and inductive loads
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