

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.: 136-5277

Allied SKU: 71768508



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 | 6 |
| Accepts Padlocks | Yes |
| Handle Type | Padlockable handle |
| Handle Colour | Red |

Electrical Specifications

| | | |
|--|------------|------|
| Electrical Phase | 3 | |
| Maximum Current | 63A | |
| Rated Operational Current Ie AC21A | 80A | |
| Voltage Rating | 690V ac | |
| Rated impulse withstand voltage Uimp | 6kv | |
| Rated uniinterrupted current Iu | 63A | |
| Rated operational current Iel EC & EN AC-22A | 63A | |
| Rated operational current Ie IEC & EN AC-21A | 80A | |
| Rated operational current Ie IEC & EN AC-1 | 80A | |
| Maximum gL Fuse Size IEC | 63A | |
| Rated Fused Short Circuit Capacity IEC | 30kA | |
| Rated operational power AC-23A (50-60Hz) IEC & EN | 230 (240V) | 30kW |
| | 400 (415) | 37kW |
| | 690V | 45kW |
| Rated operational power AC-3 (50-60Hz) | 230 (240V) | 22kW |
| | 400 (415) | 22kW |
| | 690V | 30kW |

Mechanical Specifications

| | | |
|-------------------------------|---------------------|-----|
| Mounting Type | Wall Mount | |
| Length | 400mm | |
| Width | 300mm | |
| Depth | 257mm | |
| Recommended Tightening Torque | 2.0Nm | |
| Single/ Multiple strand wire | Min-mm ² | 2.5 |
| | Max-mm ² | 25 |
| Fine strand with sleeve | Min-mm ² | 2.5 |
| | Max-mm ² | 10 |
| American wire gauge | 6AWG | |

Protection Category

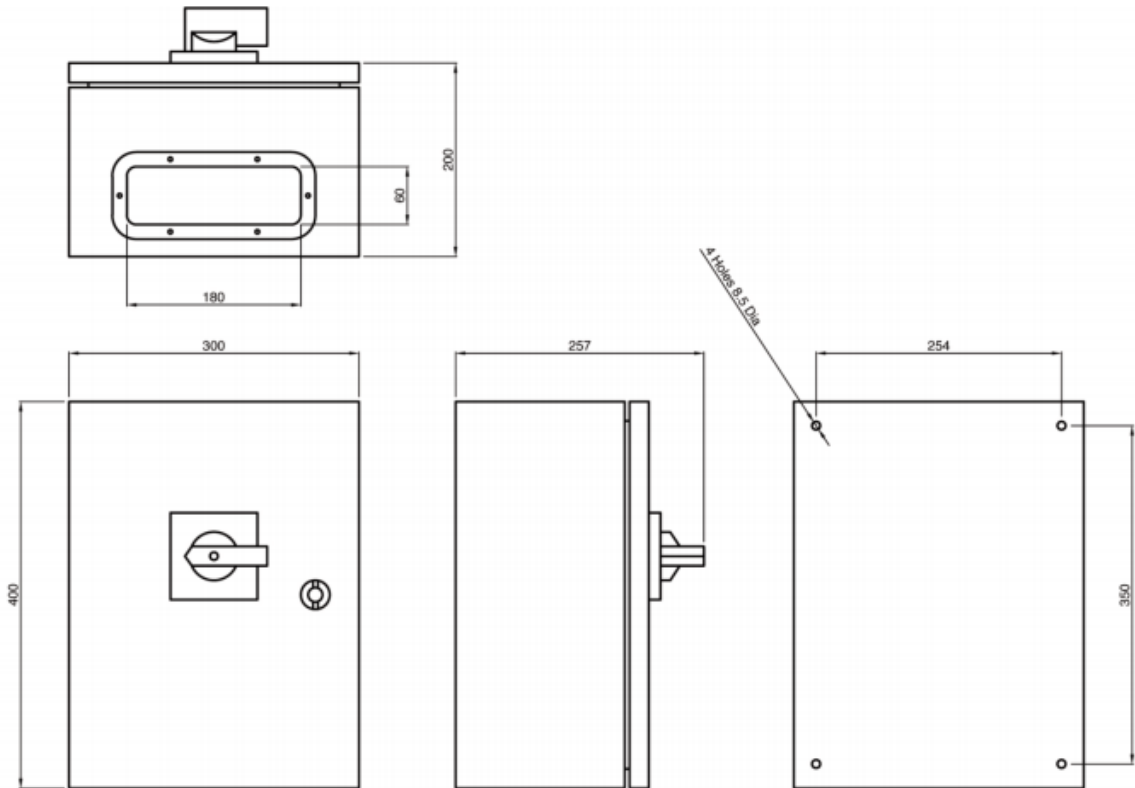
| | |
|-----------|------|
| IP Rating | IP65 |
|-----------|------|

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 |
| Maximum gL Fuse Size IEC | 20A | 20A | 63A | 63A |
| Rated Fused Short Circuit Capacity IEC | 5kA | 5kA | 30kA | 30kA |
| Maximum Cable Capacity | | 6mm ² | 10mm ² | 10mm ² |
| 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"> • 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, including moderate overloads • Switching of motor loads or other highly inductive loads • Switching of mixed resistive and inductive loads | <ul style="list-style-type: none"> • 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, including moderate overloads • Switching of motor loads or other highly inductive loads • Switching of mixed resistive and inductive loads | <ul style="list-style-type: none"> Non-inductive or slightly inductive loads, resistance fumaces, Squirrel - cage motors, Control of AC electromagnetic loads | <ul style="list-style-type: none"> • Non-inductive or slightly inductive loads, resistance fumaces • Squirrel - cage motors: starting, switching off motors during running • AC Control electromagnetic loads • Switching of resistive loads, including moderate overloads • Switching of motor loads or other highly inductive loads • Switching of mixed resistive and inductive loads |

Dimensions



Note: Neutral Contact is Early Make/ Late Break

