

Product data sheet

Specifications

SQUARE D



Safety switch, heavy duty, fusible, 60A, 4 pole, 50hp, 600VAC/DC, NEMA 1

H462

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

| | |
|---------------------------|--|
| Product | Single Throw Safety Switch |
| Duty Rating | Heavy duty |
| Device Application | Heavy application |
| Disconnect Type | Fusible disconnect |
| Factory Installed Neutral | None |
| Number of Poles | 4 |
| Current Rating | 60 A |
| Voltage Rating | 600 V AC/DC |
| Enclosure Rating | NEMA 1 steel |
| Motor power hp | 15 hp at 480 V AC 50-60 Hz for 2 phases motors 40 hp at 480 V AC 50-60 Hz for 2 phases motors 20 hp at 600 V AC 50-60 Hz for 2 phases motors 50 hp at 600 V AC 50-60 Hz for 2 phases motors 10 hp at 250 V DC 30 hp at 600 V DC |

Complementary

| | |
|-----------------------|--|
| Short-circuit current | 10 kA for H or K 200 kA for R or J |
| Fuse type | H or K R or J |
| Mounting Type | Surface |
| Electrical Connection | Lugs |
| Wiring configuration | 4-wire |
| Wire Size | AWG 14...AWG 3 copper AWG 12...AWG 3 aluminium |
| Tightening torque | 50 lbf.in (5.6 N.m) (AWG 3) 45 lbf.in (5.08 N.m) (AWG 6...AWG 4) 40 lbf.in (4.5 N.m) 0.013 in ² (8.367 mm ²) (AWG 8) 50 lbf.in (5.6 N.m) 0.003...0.008 in ² (2.06...5.261 mm ²) (AWG 14...AWG 10) |
| Depth | 6.85 in (173.99 mm) |
| Width | 16.13 in (409.70 mm) |
| Height | 20.5 in (520.7 mm) |
| Net Weight | 28.7 lb(US) (13 kg) |

Environment

| | |
|----------------|----------------------|
| Certifications | UL listed file E2875 |
|----------------|----------------------|

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Ordering and shipping details

| | |
|-------------------|--------------|
| Category | US10DE100008 |
| Discount Schedule | 0DE1 |
| GTIN | 785901482475 |
| Returnability | Yes |
| Country of origin | US |

Packing Units

| | |
|------------------------|--------------------------|
| Unit Type of Package 1 | PCE |
| Nbr. of units in pkg. | 1 |
| Package 1 Height | 7.10 in (18.034 cm) |
| Package 1 Width | 16.80 in (42.672 cm) |
| Package 1 Length | 25.70 in (65.278 cm) |
| Package weight(Lbs) | 17.480 lb(US) (7.929 kg) |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

|  Environmental footprint | |
|--|---|
| Carbon footprint (kg CO2 eq, Total Life cycle) | 82 |
| Environmental Disclosure | Product Environmental Profile |

Use Better

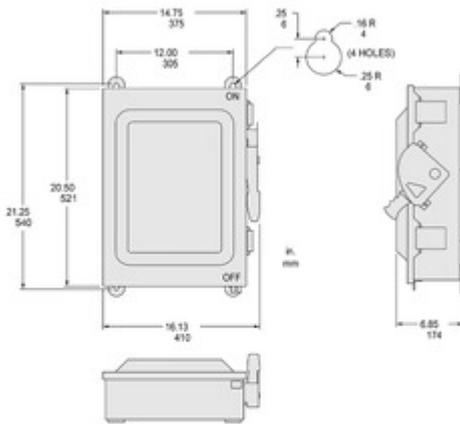
|  Materials and Substances | |
|---|--|
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| EU RoHS Directive | Compliant with Exemptions |
| REACH Regulation | REACH Declaration |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| PVC free | Yes |

Use Again

|  Repack and remanufacture | |
|---|--|
| Circularity Profile | No need of specific recycling operations |
| Take-back | No |

Technical Illustration

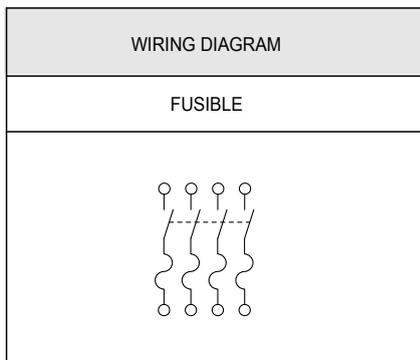
Dimensions



WHEN MOUNTING THESE SWITCHES, ALLOW 3.75(95) MIN CLEARANCE BETWEEN ENCLOSURES FOR OPENING OF SIDE HINGED DOOR.
ALL DIMENSIONS ARE APPROXIMATE.
REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION FOR COMPLETE INFORMATION.

Technical Illustration

Wiring diagram



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