

# 3.1

## Special Devices

### High Capacity Switches

#### High Capacity Switch

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##### Description

High Capacity Switches

#### Product Description

The heavy duty high capacity switch, Catalog Number 7818K1 is ideal for exceptionally high-power applications, for heavy-duty motor loads and for use in welding equipment or similar industrial applications.

By combining innovative design and quality materials, this switch is designed to carry the specified maximum inrush current for 10 milliseconds for a minimum of 20,000 ON/OFF cycles.

#### Standards and Certifications

- UL® to Standard 508, File E147754



#### Product Selection



#### High Capacity Switch

Description	Catalog Number
40A, 600 Vac 5 hp, 250 Vac	<b>7818K1</b>

#### Technical Data and Specifications

##### High Capacity Switches

Description	Specification
Circuits	2PST, maintained
Contact mechanism	Quick-make/quick-break snap acting butt contact Make: 200A peak inrush at 125 Vac for 10 ms for 20,000 cycles minimum Break: 20A at 125 Vac for 20,000 cycles minimum
Contact material	10% silver cadmium oxide composite
Terminal types	Screw—brass (Catalog Number 11-6074-4) supplied. Furnish unassembled
Mounting means	Molded flush mounting bracket, high impact polycarbonate, 3.312 in (84.12 mm), center-to-center spacing and 2.375 in (60.33 mm) spacing for self-tapping screws
Lever	Nylon
Base	Molded thermoset material
Dielectric withstand	2200V rms minimum

#### Dimensions

Approximate Dimensions in Inches (mm)

##### 7818K1

