

NEMA Safety Switches

Options for residential, commercial, industrial and rural/farm applications



The Spec-Setter™ safety switch line encompasses general-duty, heavy-duty, double-throw and emergency-power transfer versions to suit a wide range of applications. All Spec-Setter safety switches are UL listed and designed for safety, ease of installation and long, reliable service life. In addition, all include options for rugged out-door enclosures (Type 3R and/or Type 4/4X -Stainless Steel SUS304 and SUS316 available) designed to withstand the elements.

In Japan, Spec-Setter™ product line is being used as a basic precautionary switch in US Military Base facilities and housings' motor loads (large & small size chillers, elevators, water pumps, etc.) to safely isolate the circuit during maintenance periods. ABB as an equipment supplier offers these NEMA Safety Switches to Japanese contractors and distributors. Please contact our sales representatives in the below contact numbers for details or request for quotation.



Heavy Duty Switch

Type TH heavy-duty switches, (type TC for 800 - 1200 A), are available in 30 to 1200 A, 600 V AC, 600 V DC maximum, fusible and non-fusible, in NEMA Type 1 indoor, 3R outdoor, 4/4X stainless steel and 5/12 dust tight enclosures. 30 to 600 A switches with Class R or J fuses have a UL listed short-circuit current rating (SCCR) of 200 kA rms symmetrical. 800 to 1200 A switches with Class L fuses have an SCCR of 100 kA rms symmetrical.



Double Throw Switch

Double throw safety switches are used for switching one load between two different power sources such as utility and backup generators. Applications include commercial buildings, healthcare facilities, manufacturing/mining and more. Type TC and TDT double-throw safety switches are available in 30 to 1200 A, 600 V AC, 250 V DC maximum, non-fusible and fusible, in NEMA Type 1 indoor, Type 3R outdoor and Type 4/4X stainless steel enclosures.



Viewing Window Option for Safer Operation

Safer operation is realized now that users can verify open contacts instantly without having to open the enclosure door to check blades and fuses. Reduced Operational Cost and Downtime are also realized now that periodical visual checking can be done without having to shutdown the facility's power supply. Available to Heavy Duty models offered in NEMA Type 1, 3R, 4X enclosures.

Quick Selection Guide

T		H		N		3		3		6		1		R		DC	
ABB Identification																Other Features	
Duty Level																B = Bottom Feed (240V, TH, Type 1, 200-600A)	
H = Heavy Duty																CL = Copper Lug	
G = General Duty																DC = 600V DC Max	
C = Non-Fusible Double Throw																F = Farm Switch	
D = Fusible Double Throw																VW = Vieiwing Window Option	
Fusing																VRED = Red Paint	
N = Non-Fusible																Enclosure Type	
T = Fusible Double Throw																Blank = NEMA 1	
Blank = Fused																R = NEMA 3R	
Number of Wires																SS = NEMA 4/4X Stainless Steel Type 304	
2,3,4																SS316 = NEMA 4/4X Stainless Steel Type 316	
Number of Poles																J = NEMA 5/12	
2,3																	