

EATON

Cutler-Hammer

Zone Blasting Switch



Safety is paramount in any electrical application, and when you combine dangerous blasting operations found in mining, quarrying or roadway construction, safety concerns extend well beyond the operator.

The Cutler Hammer® Zone Blasting Switch from Eaton, is designed with three mechanically interlocked and lockable positions. Increase safety through a single point of control during the blasting process, and a separate deadshort position safeguarding against premature blasts. The all in one mechanical connection to short-circuit the blasting leg wires, reduces installation time therefore providing additional labour savings. A permanent galvanometer testing connection is a quick, simple and safe standard feature as opposed to the alternate methods of twisting and untwisting wires when performing short and test functions.

Features:

- ▶ Unsurpassed safety
- ▶ Reduced setup time
- ▶ Highly visible painted RED enclosure Type 12/3R or Stainless 4X rated
- ▶ Non Fused, Heavy Duty manually operated, K switch design
- ▶ 2 pole 30, 60, 100A @ 600VAC max., CSA certified
- ▶ 3 mechanically interlocked positions "PRIME" "TEST" "SHORT"
- ▶ 3 lockable positions, each position accepts 3 x 3/8 shank locks
- ▶ Optional auxiliary contacts available
- ▶ 2 year warranty

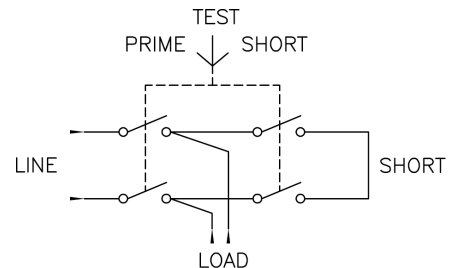
| | Type 12/3R | | Type 4X Stainless | |
|--------|---------------|--------------|-------------------|--------------|
| Ampere | Catalogue # | UPC | Catalogue # | UPC |
| 30A | 12DT261NFREDB | 621037153264 | 4DT261NFB | 621037000009 |
| 60A | 12DT262NFREDB | 621037153233 | 4DT262NFB | 621037153240 |
| 100A | 12DT263NFREDB | 621037153226 | 4DT263NFB | 621037153257 |

Functions:

Prime - The position that initiates the blast or blast signal.

Test - An isolated position for operator to install detonator wires to load lugs, provides a permanent means for testing continuity of circuits with galvanometer.

Short - Position that mechanically short circuits the leg wires. Once the blast has been completed, operator must return to the short position to activate the dead short.



Note: Once installation of the leg wires and testing have been completed in the test position, the door of the enclosure must be closed to activate the prime position, as well to activate the short position.

Mechanism – Side operated handle, double break visible knife blades, quick make/break operation, 100% load break rated.

Lugs – Tunnel lugs, 30A, 60A = Min #14 Max #2 Al/Cu, 100A = #14 – 1/0 Al/Cu

Short Circuit Rating – 100K RMS with class R, J, or T upstream, otherwise 10K

Optional Features: - Auxiliary Contact - Cat # DS200EK1 - 1 n/o, 1 n/c (qty 2 required)
- Grade 316 stainless - Add "SS" to suffix of catalogue number

Dimensions:

