

**WESTINGHOUSE B100
STARTERS FULL VOLTAGE,
NON-REVERSING SINGLE
AND POLYPHASE**

Applications

XMSW Series, non-reversing, manual line voltage starters and enclosures are suitable for use in applications requiring manual across-the-line starting and stopping of small single and polyphase AC motors, and where overload protection is needed. Manual starters are generally used on small machine tools, fans and blowers, pumps, compressors, and conveyors as well as many other types of electrical machinery.

Features

- Rectangular bolted cover design provides for attractive, compact, uniform installations
- Enclosure and external handle are diecast copper-free (less than 0.4%) aluminum alloy
- Cast "ON," "OFF," "TRIPPED" markings on cover align with external handle and provide clear indication of enclosed starter condition
- External handle is a vault type with standard provisions for locking in the "OFF" position with up to three padlocks. Provision for locking in "ON" position is available as factory modification (add suffix SU-40 to catalog number).
- Two cast 1" NPT conduit hubs with integral pipe stop, one top and one bottom, are standard on all assemblies

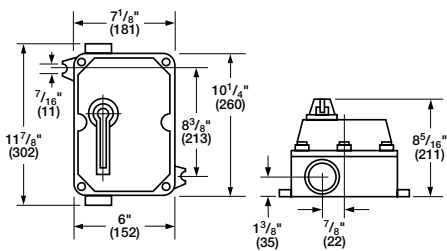
Electrical Rating

Starter sizes 0, 1, 1 1/2

Two pole, single phase; three pole, polyphase

Maximum 10 HP, 600 Volts AC

Dimensions



① Select heater element based on motor nameplate listed. Full-load amps. Trip rating of element is 125% of motor minimum F.L.A. listed for the element.



Class I, Div. 1 & 2, Groups C,D
Class I, Zones 1 & 2, Groups IIB, IIA
Class II, Div. 1 & 2, Groups E,F,G
Class III
NEMA 3R, 7(C,D) 9(E,F,G)

Listed - File E12379
See files for details or call Killark.

FEATURES-SPECIFICATIONS

| XMSW MANUAL LINE STARTERS ^{① ②} | | | | | | |
|--|---------------------|--------------------|-------------|-------------|----------------|----------------|
| NEMA SIZE | NUMBER OF POLE SIZE | MAXIMUM HORSEPOWER | | | CATALOG NUMBER | |
| | | 120 VAC | 208-240 VAC | 480-600 VAC | WITH STARTER | ENCLOSURE ONLY |
| 0 | 2-POLE; 1Ø, A C | 1 | 2 | — | XMSW-0BT | XMSW-00T |
| 0 | 3-POLE; 3Ø, A C | 2 | 3 | 5 | XMSW-0CT | |
| 1 | 2-POLE; 1Ø, A C | 2 | 3 | — | XMSW-1BT | |
| 1 | 3-POLE; 3Ø, A C | 3 | 7-1/2 | 10 | XMSW-1CT | |
| 1-1/2 | 2-POLE; 1Ø, A C | 3 | 5 | — | XMSW-DBT | |

① Heaters not included. If heaters are required order as separate item by catalog number, three phase starters require three heaters. Single phase starters require two heaters.
 ② Three pole starters may be used on two-phase four-wire circuits by running one wire direct to motor.

| HEATER TABLE FOR XMSW SERIES MANUAL LINE STARTERS ^① | | | | | | | |
|--|-----------------------------|-------------|-----------------------|----------------|-----------------------------|-------------|-----------------------|
| CATALOG NUMBER | MOTOR FULL-LOAD AMPS @ 40°C | | WESTINGHOUSE CODEMARK | CATALOG NUMBER | MOTOR FULL-LOAD AMPS @ 40°C | | WESTINGHOUSE CODEMARK |
| | SINGLE PHASE | THREE PHASE | | | SINGLE PHASE | THREE PHASE | |
| YOWEA200-FH03 | .28-.29 | .25-.26 | FH03 | YOWEA200-FH30 | 4.04-4.40 | 3.54-3.86 | FH30 |
| YOWEA200-FH04 | .30-.33 | .27-.29 | FH04 | YOWEA200-FH31 | 4.41-4.81 | 3.87-4.22 | FH31 |
| YOWEA200-FH05 | .34-.36 | .30-.32 | FH05 | YOWEA200-FH32 | 4.82-5.26 | 4.23-4.61 | FH32 |
| YOWEA200-FH06 | .37-.40 | .33-.35 | FH06 | YOWEA200-FH33 | 5.27-5.74 | 4.62-5.03 | FH33 |
| YOWEA200-FH07 | .41-.45 | .36-.39 | FH07 | YOWEA200-FH34 | 5.75-6.25 | 5.04-5.49 | FH34 |
| YOWEA200-FH08 | .46-.50 | .40-.44 | FH08 | YOWEA200-FH35 | 6.27-6.83 | 5.50-5.99 | FH35 |
| YOWEA200-FH09 | .51-.56 | .45-.49 | FH09 | YOWEA200-FH36 | 6.84-7.45 | 6.00-6.53 | FH36 |
| YOWEA200-FH10 | .57-.63 | .50-.55 | FH10 | YOWEA200-FH37 | 7.46-8.11 | 6.54-7.11 | FH37 |
| YOWEA200-FH11 | .64-.70 | .56-.61 | FH11 | YOWEA200-FH38 | 8.12-8.81 | 7.12-7.73 | FH38 |
| YOWEA200-FH12 | .71-.78 | .62-.68 | FH12 | YOWEA200-FH39 | 8.82-9.58 | 7.74-8.40 | FH39 |
| YOWEA200-FH13 | .79-.86 | .69-.75 | FH13 | YOWEA200-FH40 | 9.59-10.40 | 8.41-9.12 | FH40 |
| YOWEA200-FH14 | .87-.95 | .76-.83 | FH14 | YOWEA200-FH41 | 10.41-11.3 | 9.13-9.89 | FH41 |
| YOWEA200-FH15 | .96-1.04 | .84-.91 | FH15 | YOWEA200-FH42 | 11.4-12.2 | 9.9-10.7 | FH42 |
| YOWEA200-FH16 | 1.05-1.14 | .92-1.00 | FH16 | YOWEA200-FH43 | 12.3-13.5 | 10.8-11.8 | FH43 |
| YOWEA200-FH17 | 1.15-1.25 | 1.01-1.10 | FH17 | YOWEA200-FH44 | 13.6-14.9 | 11.9-13.0 | FH44 |
| YOWEA200-FH18 | 1.26-1.39 | 1.11-1.22 | FH18 | YOWEA200-FH45 | 15.0-16.0 | 13.1-14.0 | FH45 |
| YOWEA200-FH19 | 1.40-1.54 | 1.23-1.35 | FH19 | YOWEA200-FH46 | 16.1-17.1 | 14.1-15.0 | FH46 |
| YOWEA200-FH20 | 1.55-1.71 | 1.36-1.50 | FH20 | YOWEA200-FH47 | 17.2-18.3 | 15.1-16.1 | FH47 |
| YOWEA200-FH21 | 1.72-1.89 | 1.51-1.66 | FH21 | YOWEA200-FH48 | 18.4-19.7 | 16.2-17.3 | FH48 |
| YOWEA200-FH22 | 1.90-2.10 | 1.67-1.84 | FH22 | YOWEA200-FH49 | 19.8-21.2 | 17.4-18.6 | FH49 |
| YOWEA200-FH23 | 2.11-2.32 | 1.85-2.03 | FH23 | YOWEA200-FH50 | 21.3-22.8 | 18.7-20.0 | FH50 |
| YOWEA200-FH24 | 2.33-2.54 | 2.04-2.23 | FH24 | YOWEA200-FH51 | 22.9-24.5 | 20.1-21.5 | FH51 |
| YOWEA200-FH25 | 2.55-2.79 | 2.24-2.45 | FH25 | YOWEA200-FH52 | 24.6-26.4 | 21.6-23.2 | FH52 |
| YOWEA200-FH26 | 2.80-3.07 | 2.46-2.69 | FH26 | YOWEA200-FH53 | 26.5-28.5 | 23.2-25.0 | FH53 |
| YOWEA200-FH27 | 3.08-3.36 | 2.70-2.95 | FH27 | YOWEA200-FH54 | 28.6-30.8 | 25.1-26.8 | FH54 |
| YOWEA200-FH28 | 3.37-3.68 | 2.96-3.23 | FH28 | YOWEA200-FH55 | 30.9-33.3 | — | FH55 |
| YOWEA200-FH29 | 3.69-4.03 | 3.24-3.53 | FH29 | YOWEA200-FH56 | 33.4-36.0 | — | FH56 |
| | | | | YOWEA200-FH57 | 36.1-38.9 | — | FH57 |

