MAINTENANCE SWITCHES
THE ROBUST NW-SERIES

J.R. MERRITT
CONTROLS
BENEFITS

- Decades of experience in switch design and manufacturing
- Harmonious relationship between switch and equipment
- Deliveries from single pieces up to series production
- Unmatched quality and service life
- 10 years guarantee
- Large dealer network providing service and support worldwide
- Custom designed solutions per customer requirements

RELIABLE AND ROBUST
CUSTOM SOLUTIONS FOR SAFETY MAINTENANCE WORK.

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MAINTENANCE SWITCH

The maintenance switch is an encapsulated rotary switch assembly for a single electric drive arrangement. Maintenance switches are attached to electric machines or constructions to enable safe maintenance work under observance of safety rules. By hanging the lock-out on the cover plate, every worker is protected from unauthorized machine switching on. The devices are lockable in zero position with up to three padlocks.

The NW-series has proven itself for decades under extreme environmental conditions in cement factories, in belt drives, as travel limit switches in the crane area and everywhere that a rugged, durable switch is required.
The NW series consists of three robust cam switches staggered by switching power. A round knob is attached to the square shaft with metal lined milled cams. Controls are double contact element embedded with positively opening switch contacts. Spacious ceramic arc chambers with strong blow magnets and a large contact opening stroke ensure safe switching. For the various operation conditions we can produce switching devices with different numbers of poles, suitable for currents from 16 A to 100 A. Auxiliary contacts and inductive proximity switches can be installed as required. The switches are installed in a cast enclosure or sheet metal housings with protection category IP64. Additional control devices, monitoring units and series terminals can be placed in the enclosure by request. Drill holes for cable inlets can be provided as requested.
Load shedding: When switching on, at first the power contacts close, then the control system for the motor contactor is released via the following closing contact. When switching off, the leading contact at first turns off the motor contactor and then the main contacts cut off the supply line of the motor.

Selection of the proper maintenance switch for your application will be based on the following:
- Connection power
- Current
- Voltage
- Size of housing
- Cable inlets
- Additional built-in components

Options:
- Different handle options available
- Permanent custom labeling
- Drainage and venting plug
- Rain shelter
- Housing color selectable
NO MATTER WHAT AXIS
WE HAVE YOU COVERED

A DEDICATION TO
QUALITY & RELIABILITY

PRODUCTS CUSTOMIZED
FOR YOUR APPLICATION

ENGINEERING SUPPORT THAT
GOES THE EXTRA STEP

WANT MORE INFORMATION?

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