

# Weber Unimat



## The labeling of the switches

2 mains-side inputs (P1, P2) and 2 or 3 machine-side outputs.

## Meaning of WT, WTT, WTL, WN, WTN, WTS

- **WT** : single-pole overcurrent protected switch
- **WTT** : 2-pole overcurrent protected switch
- **WTL** and **WTTL** have an illuminated rocker
- **WN** and **WTN** have undervoltage tripping.
- **WTS** are switches with a mechanical trip. These switches were produced for shredders.

## Numbers :

- **22** number series
- **551** switch mains-side connection with flat plugs
- **555** switch mains-side screw connection
- **561** push-button with mains-side flat plugs

## Important: The indication "rated current"

The switch is an overcurrent circuit breaker or an overload circuit breaker, or more commonly understood: it is something similar to a fuse.

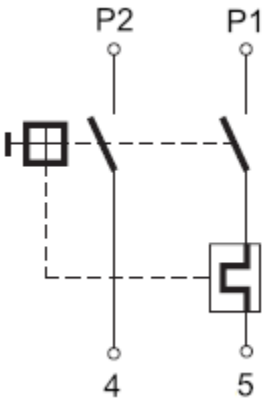
The term "rated current" stands for rated current and, simply put, is the tripping current at which the switch shuts off. This value should be approximately the same as the rated current of the motor.

**Here's how it works:** When a motor is loaded, the current consumption increases. Each motor can only handle a certain load. If it is also loaded, the current consumption goes to an unhealthy level. The engine gets hot and burns out. To prevent this from happening, the motor is protected by the switch.

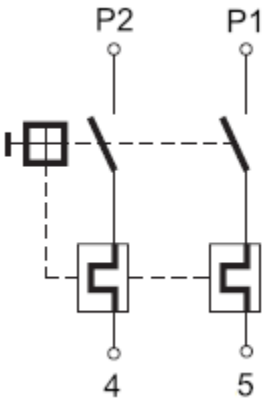
### The connections and the circuits for it

The **connection designations** are located on the side of the housing. The connections **P1 and P2** are the connections on the mains side, e.g. for phase and N-conductors.

#### 4-port switch

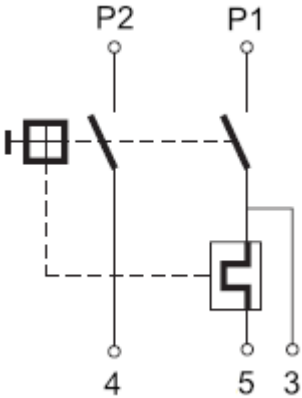


WT22-551

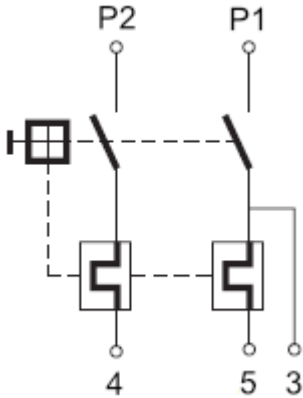


WTT22-551

#### 5-port switch



WT22-551



WTT22-551