

# Three-Phase Voltage Rotating

## Features

### USAGE:

They are used to perform the reversal of the rotation direction of the electric motors. Its primary application are machine tools, in which the rotation direction of the motor is necessary. In order to properly run this product the following topics must be observed:

Do not reverse the rotation of the motor to both clockwise or counterclockwise at full production speed. Reversible switches have a central position stop to avoid the reversion at full production speed.

To reverse the rotation direction in three-phase voltage motors, such as in a short-circuit rotor, one of the phases of power supply must be inverted.

**OBS: FOR INSTALLING THE REVERSIBLE SWITCH USING AN ENGINE BRAKE A RECTIFIER BRIDGE MUST BE USED.**

### APPLICATION:

Car lifts, construction industry machinery, lathes, agricultural machinery and all kinds of machine tools.

## Technical Specifications

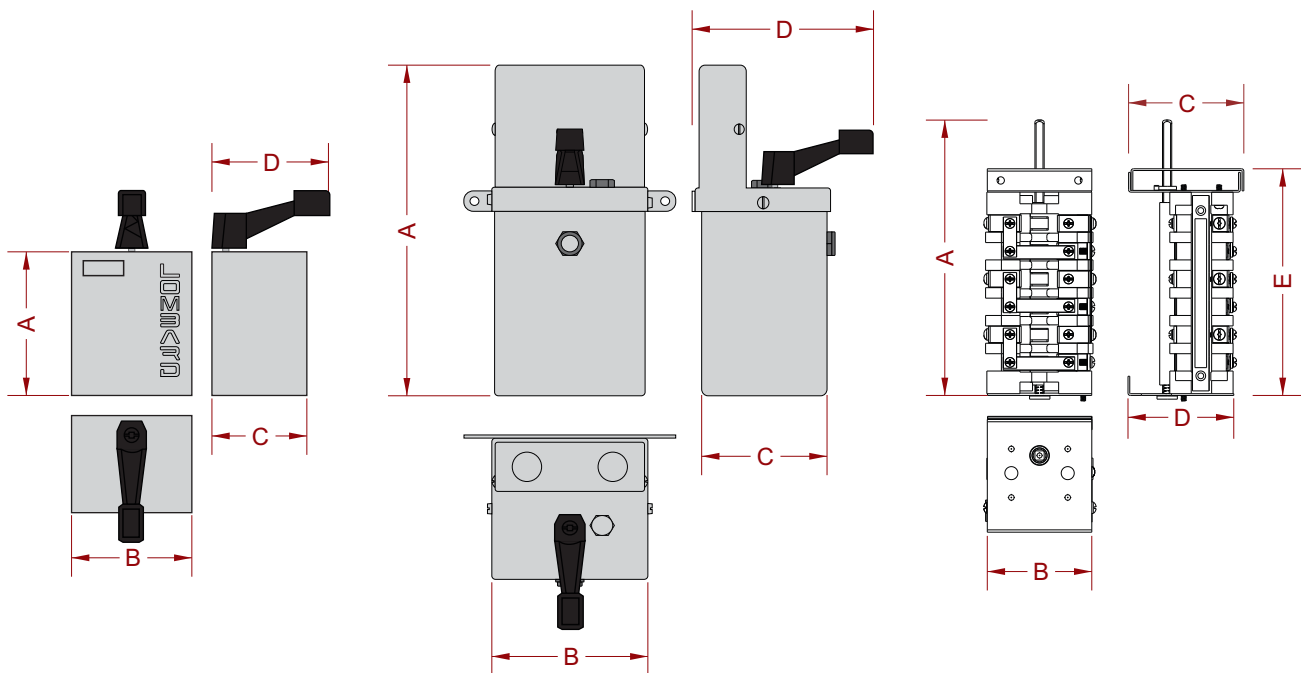
THREE-PHASE VOLTAGE ROTATING OF OVERLAP										
REF.	TYPE	CV / HP			AMP	DIMENSIONS (mm)				
		220V	380V	440V		A	B	C	D	E
8	R	2	3	4	15	163	96	80	100	-
9	R	3	5	6	20	163	96	80	100	-
10	R	5	7,5	10	30	163	96	80	100	-
420	R	7,5	12,5	15	45	215	99	78	100	-
11	R	10	15	20	60	235	102	83	103	-
440	R	15	25	30	90	275	135	110	141	-
420F	R	7,5	12,5	15	45	215	99	78	100	-
11F	R	10	15	20	60	235	102	83	103	-
440F	R	15	25	30	90	275	135	110	141	-

→ ROTATING SWITCH WITH MOTOR BRAKE

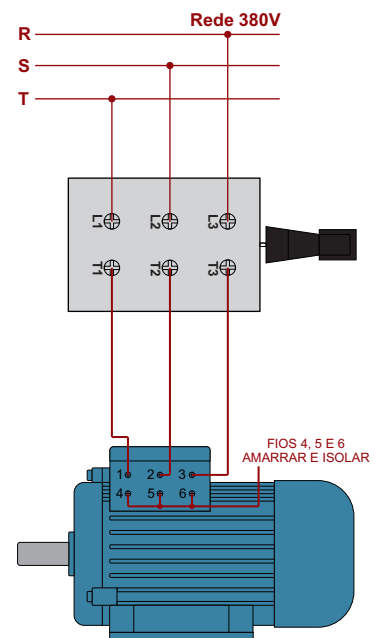
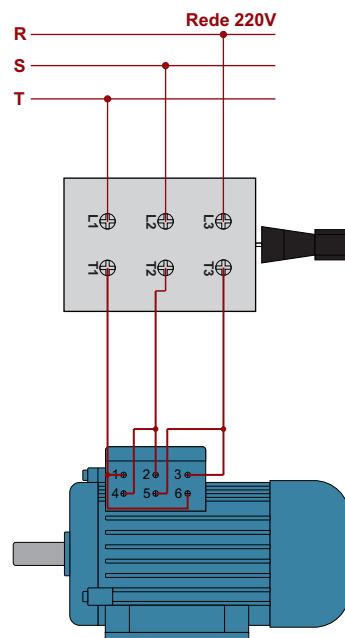
THREE-PHASE VOLTAGE ROTATING OIL										
REF.	TYPE	CV / HP			AMP	DIMENSIONS (mm)				
		220V	380V	440V		A	B	C	D	E
1340	RO	7,5	12,5	15	45	250	142	135	166	-
1350	RO	10	15	20	60	270	142	135	166	-
1360	RO	15	25	30	90	353	171	150	175	-

THREE-PHASE VOLTAGE ROTATING EMBED										
REF.	TYPE	CV / HP			AMP	DIMENSIONS (mm)				
		220V	380V	440V		A	B	C	D	E
5020	EBR	2	3	4	15	141	75	62	73	101
5030	EBR	3	5	6	20	141	75	62	73	101
5040	EBR	5	7,5	31	30	141	75	62	73	101
5050	EBR	7,5	12,5	15	45	194	75	63	73	155
5060	EBR	10	15	20	60	213	80	70	77	171
5070	EBR	15	25	30	90	248	90	91	97	205





## Connection Procedure



## Rotating Connection With Motor Brake Procedure

