

Lenze 6 terminal rectifiers types 14.630.32.016, 14.630.33.006

Installation instructions

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Rectifiers convert ac voltage supply to unsmoothed dc suitable for clutch and brake coils.

Output voltages are calculated as follows:

$$\text{Bridge rectifier (full wave)} \quad V_{dc} = \frac{V_{ac}}{1.1}$$

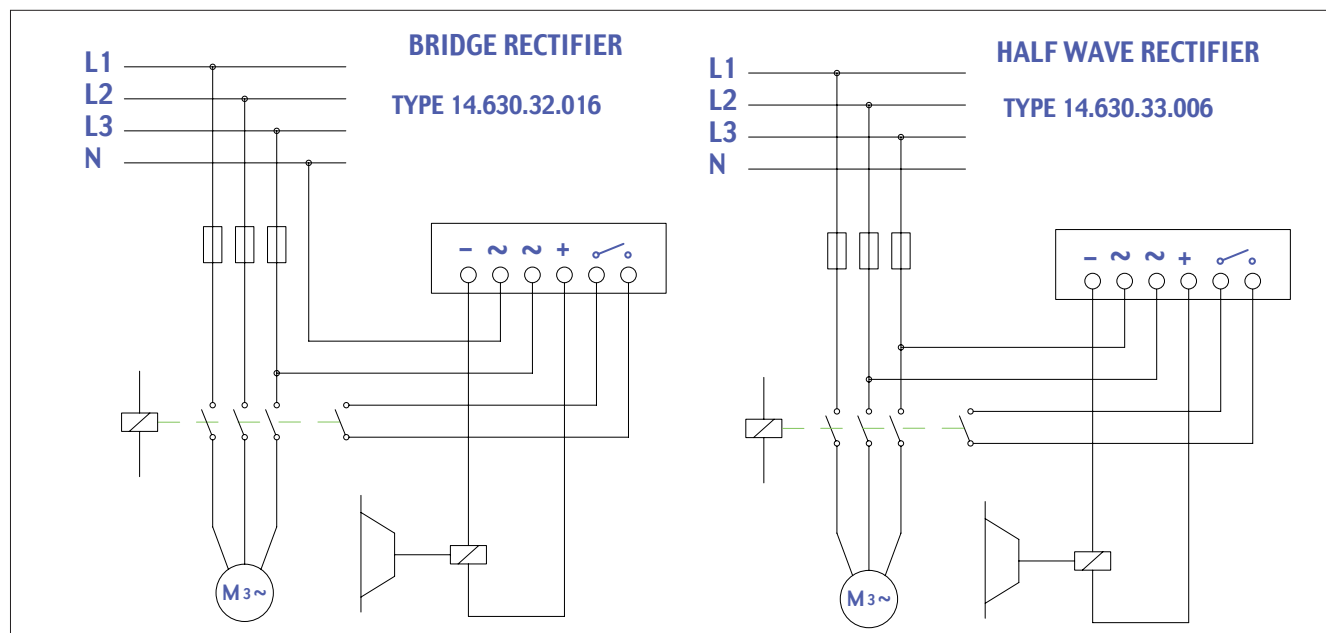
$$\text{Half wave rectifier} \quad V_{dc} = \frac{V_{ac}}{2.2}$$



Type		Bridge	Half
Stockline No		B5-62700	B5-77681
Type. No		14.630.32.016	14.630.33.006
Max. input voltage U		270 V	460 V
DC Voltage U _d		$\frac{U}{1,11}$	$\frac{U}{2,22}$
Max DC current I _d		0,75 at 60°C	0,75 at 60°C
Temperature range °C		-25.. +80°C	-25.. +80°C
Weight g		32	32
Fixing holes		2 holes 3.3mm, 42mm apart	

Supply volts (a.c.)	Rectifier type	Coil voltage d.c.
110	Bridge	103
220	Bridge	180
230/240	Bridge	205
220	Half wave	103
230/240	Half wave	103
317	Half wave	150
380	Half wave	180
400/415	Half wave	180
460	Half wave	205

Connection Examples - dc switching



Spark suppression to VDE 0580 § 26 is included in these models - no additional suppression is normally required.

Lenze

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