

230V Electromechanical operator



Max width single leaf

1.8 m

Use frequency (cycles/hour)

18



- Non reversing operator, does not require electric lock.
- Easy installation and maintenance.
- Lever release device on the rear side of the operator.



**24V SAFEzone
system:**
412 + E045 or E145 +
SAFEcoder



**GREENTech
system:**
412 + E045 or E145



DIMENSIONS AND TECHNICAL SPECIFICATIONS

Model	412 RH	412 LH
Power supply voltage	220-240V~ 50/60 Hz	220-240V~ 50/60 Hz
Motor	Asynchronous single phase	Asynchronous single phase
Max. power	280 W	280 W
Max expressed force	3500 N (*)	3500 N (*)
Rod max speed	16 mm/s (*)	16 mm/s (*)
Rod travel	290 mm	290 mm
Max. leaf opening angle	110°	110°
Operating ambient temperature	-20°C ÷ + 55°C	-20°C ÷ + 55°C
Thermal protection	140°C	140°C
Protection class	IP44	IP44
Weight	6.5 Kg	6.5 Kg
Use frequency	18 cycles/hour	18 cycles/hour
Max. leaf width	1.8 m	1.8 m
Mounting brackets	Rear attachment to be welded/screwed - front attachment to be welded	
Dimensions (LxDxH)	1000 x 90 x 195 mm	1000 x 90 x 195 mm
Electronic equipment	Not included	Not included

(*) data referred to 230V~ 50Hz.