

MASTER AND TWIN MASTER

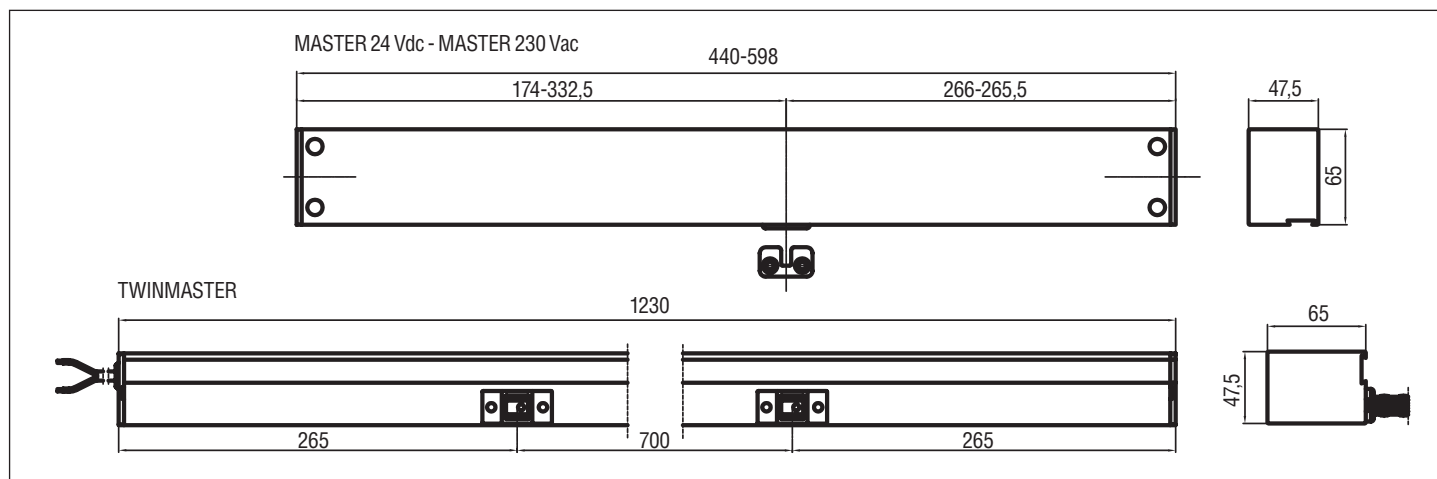
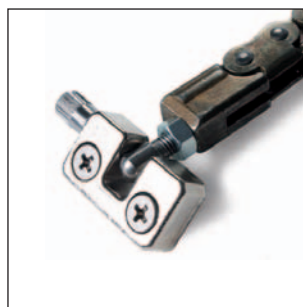
Chain Actuator - Force in push action 360 - 700 N – Maximum stroke 380 mm



- For skylights, roof windows, top and bottom hinged.
For very wide (more than 1,5 m) and heavy skylights windows use the Twin Master version with two chains: the actuator is equipped with electronic circuit for the two internal motors control. Standard distance between chains: 700 mm. Available custom versions from 400 mm to 1500 mm distance (minimum order: 50 pieces).
- Corrosion-protected double link chain with stainless steel pivots.
- High protection from atmospheric agents
- No additional brackets are necessary for windows with windowsill.
- Quick release system for easy window cleaning.
- Minimum window height: 800 mm. In case of lower windows install the pivoting brackets.
- Parallel collection allows several windows to operate simultaneously.

	MASTER 230 V AC	MASTER 24 V DC	TWIN MASTER 24 V DC
VOLTAGE SUPPLY	230 Vac $\pm 10\%$	24 Vdc $\pm 10\%$	24 Vdc $\pm 10\%$
ELECTRIC CONNECTION	3 wires + earth	2 wires	2 wires
OPERATION		by polarity inversion	by polarity inversion
STROKE	380 mm	380 mm	380 mm
FORCE	360 N	360 N	700 N
SPEED	~ 12 mm/s	~ 12 mm/s	~ 12 mm/s
MAX CURRENT ABSORPTION	0, 16 A	1,2 A	2 A
PARALLEL CONNECTION	YES	YES	YES
LIMIT STOP	Micro switches	Micro switches	Micro switches
SAFETY STOP	Electronic	Electronic	Electronic
TIME RATING	50 %	50 %	50 %
PROTECTION CLASS	IP 44	IP 44	IP 44

MASTER and TWIN-MASTER



Actuator dim.

SPECIFICATION PROSPECTS

MASTER: electric chain actuator Ultraflex Control Systems named Master with double link chain. Force: 360 N - Stroke 380 mm. Voltage supply: 230 Vac or 24 Vdc. Electronic safety stop and limit stop by micro switches. Parallel connection.

Casing in Silver anodized, dark brown anodized, white painted RAL 9010. The 230 Vac version and the 24 Vdc version are conform to 89/336 EMC directives as modified per 93/68 CE, the 230 Vac version is conform to 73/23 LVD directives.

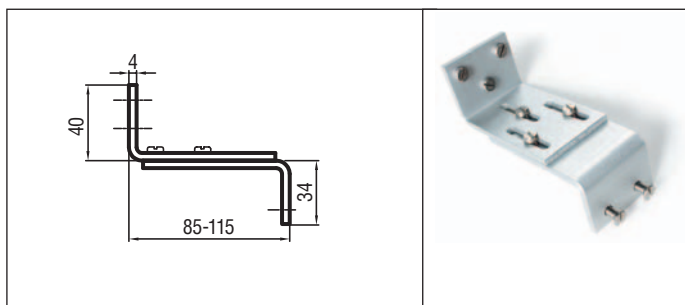
TWIN-MASTER: electric chain actuator Ultraflex Control Systems Twin-master with double link chain.

Force: 700 N - Stroke 380 mm. Voltage supply: 24 Vdc.

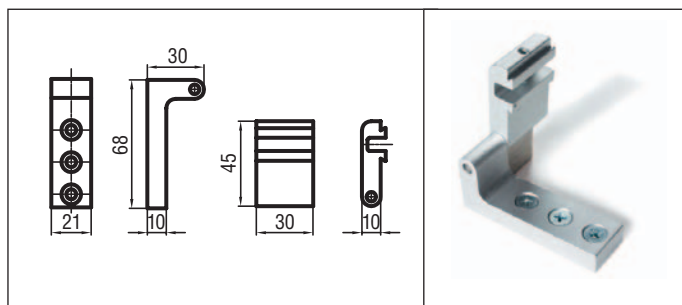
Electronic safety stop and limit stop by micro switches. Parallel connection. Casing in silver anodized, dark brown anodized, white painted RAL 9010. Conform to 89/336 EMC directives as modified per 93/68 CE.

⚠ The instructions for a safe installation are included in the section "SECURITY WARNINGS"

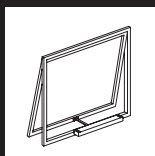
Accessories



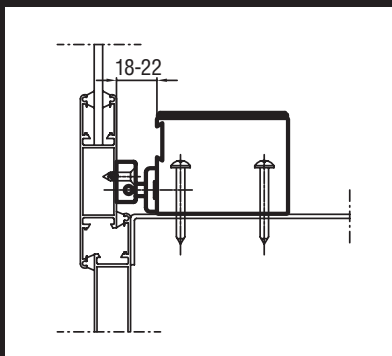
Aluminium adjustable bracket part No. 37493H



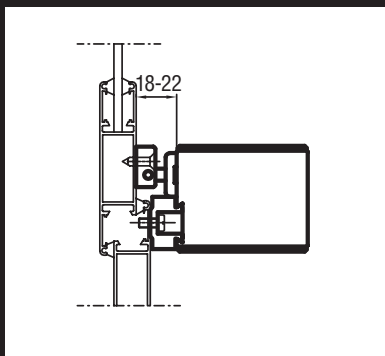
Pivoting brackets kit
part No. 40560T



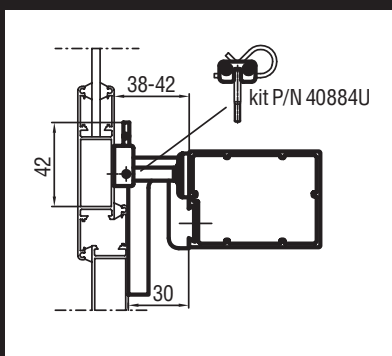
Top hinged window



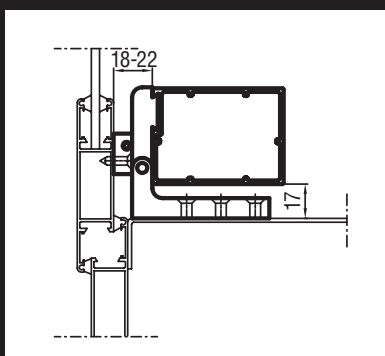
On windows with windowsill without brackets



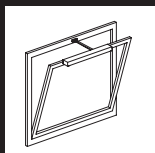
On windows without windowsill with bracket part No. 37021U (2 pcs. for Twin-Master)



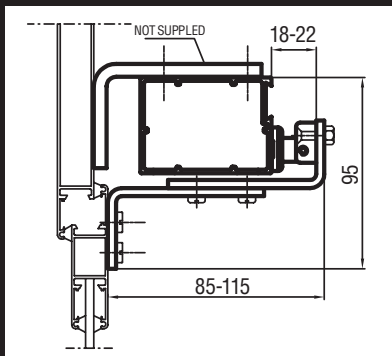
On the frame with pivoting brackets part No. 40560T and connector kit part n. 40884U (2 pcs. for Twin-Master)



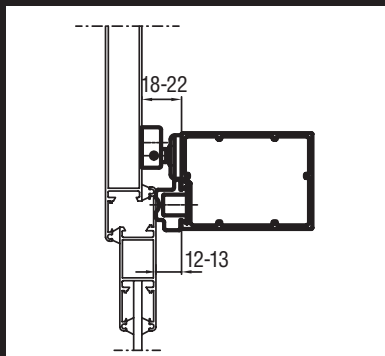
On windows with windowsill with pivoting brackets part No. 40560T



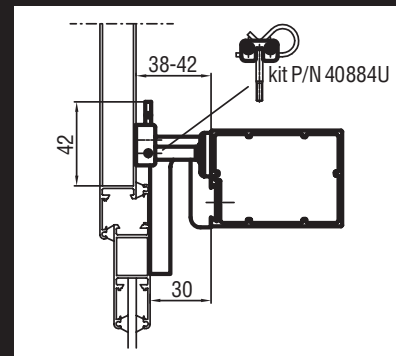
Bottom hinged windows



On the frame with bracket part No. 37493H (2 pcs. for Twin-Master)

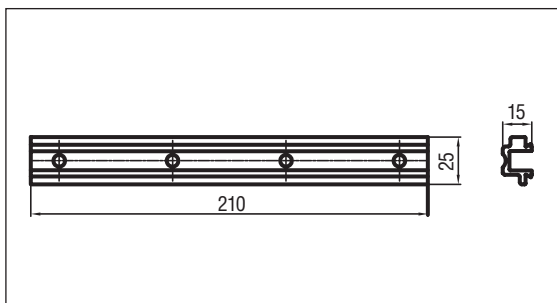


On the vent with bracket part No. 37021U (2 pcs. for Twin-Master)

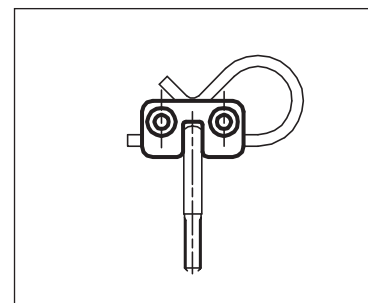
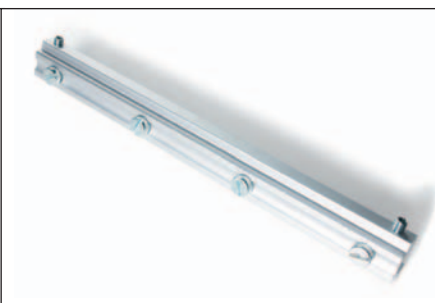


On the vent with pivoting bracket part No. 40560T and connector kit part No. 40884U (2 pcs. for Twin-Master)

Accessories



Sliding aluminium bracket part No. 37021U



Connector kit part No. 40884U