

Architectural mechanical equipment

Electronic controls - C40 control



Electric actuator model C40 with double link articulated chain, enclosed in a special casing, complete with support and accessories for top and bottom hinged windows. Functions at 230V~50Hz, or alternatively, at 24V DC. Maximum load applicable 400N. Rapid fastening to the window. Maximum extension 50 cm. Possible electronic adjustment limit switch at 10, 15, 20, 25, 30, 40, 50 cm. by means of a special adjustment knob. Electronic limit switch on closure with absorption of current. Safety mechanism for reduction of traction force in the last 10 cm. Electronic device with acoustic warning to signal erroneous installation to the user. Protection at IP55 on electric devices. On request, available in a version designed for the USA2 synchronization unit, for simultaneous operation of 2 actuators installed on the same window frame. The device is marked with the CE seal and complies with the following directives: CEE 89/336, CEE 73/23 and subsequent amendments.

Key Features

- Double link articulated chain.
- Fitting accessories for top and bottom hung windows.
- Available in 240v or 24v.
- Max. application load 400N.
- Electronic adjustment of the end stroke at 100, 150, 200, 250, 300, 400, 500mm.
- Safety device for traction force reduction in the last 100mm
- USA2 synchronization unit available, for simultaneous running of 2 actuators.

Colours:

White and Black

Quick Fit window connector
for C20, C30 and C40



contact us for more details:

8.15 - 16.45 (mon-thurs)

8.15 - 13.15 (fri)

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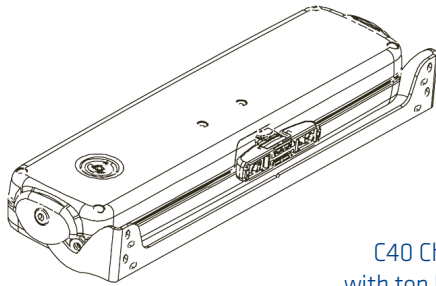
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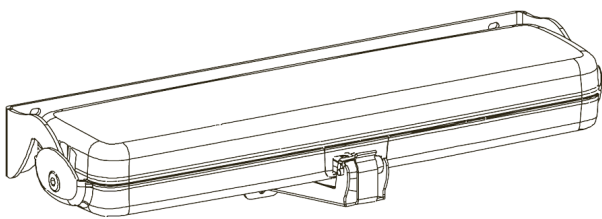
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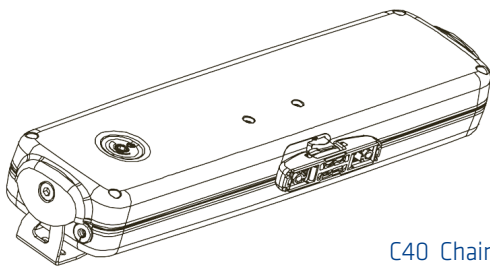
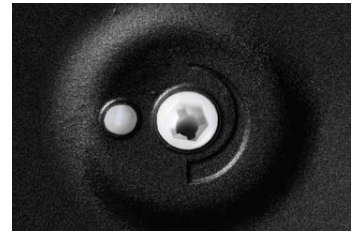
C40 Chain actuator with top hung bracket

Double link chain with very high resistance on top loads.



C40 Chain actuator with bottom hung brackets

Adjustment of the stroke in 7 positions from 100 to 500mm



C40 Chain actuator with vertical mounting bracket

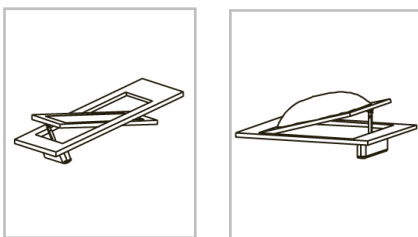
Fast hooking and unhooking system to the window (international patent).



End of stroke in closure by current absorption, to avoid adjustments in closure and possible positioning errors of the actuator.



High protection degree IP 55.



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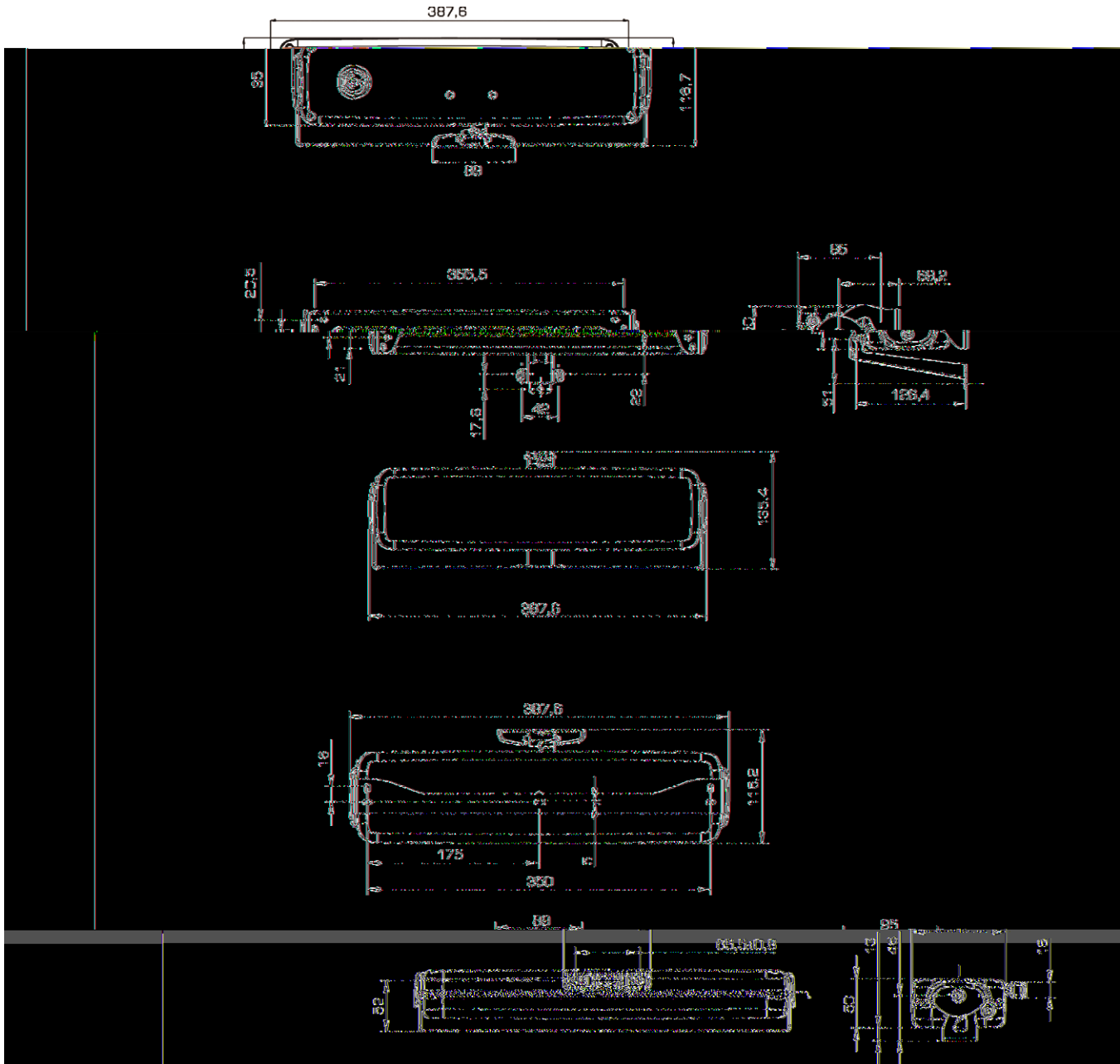
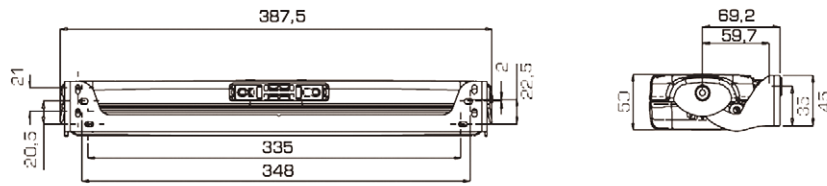
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ISSUE DATE: March 09

TeleflexMorse reserve the right to modify their products without notice including their specifications, equipment and accessories

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Technical Specification - C40 Control

	C40/230		C40/24
Power supply voltage	230 V ~ 50 Hz		24V d.c.
Maximum applicable load in thrust		400N	
Maximum applicable load in traction		400N	
Strokes (may be selected in any moment)		100, 150, 200, 250, 300, 400, 500mm	
Absorbed current	0,24 A		1,1 A
Idle translation speed	18.5 mm/s		10.5 mm/s
Duration of the idle stroke	27 s		48 s
Double electric insulation	yes		-
Service type	S2 of 5 min		S2 of 8 min
Operating temperature		-5 +50 °C	
Protection degree of electric devices		IP 55	
Adjustment of the window frame connection		not necessary	
Connection in parallel of two or more actuators		yes	
Connection and synchronization of two or three C40* on the same window		Only with control unit USA2	
Chain position control		yes	
End of stroke		Electronic in opening - with current absorption in closing	
Electronics with acoustic device to warn the user of wrong installation		yes	
Dimensions		387.6 x 95 x 50mm	
Weight ** installed equipment		1,9 Kg	

* minimum distance among the two or three motors: 1500 mm.

** the weight indicated in the table is subject to eventual variations according to the accessories chosen

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