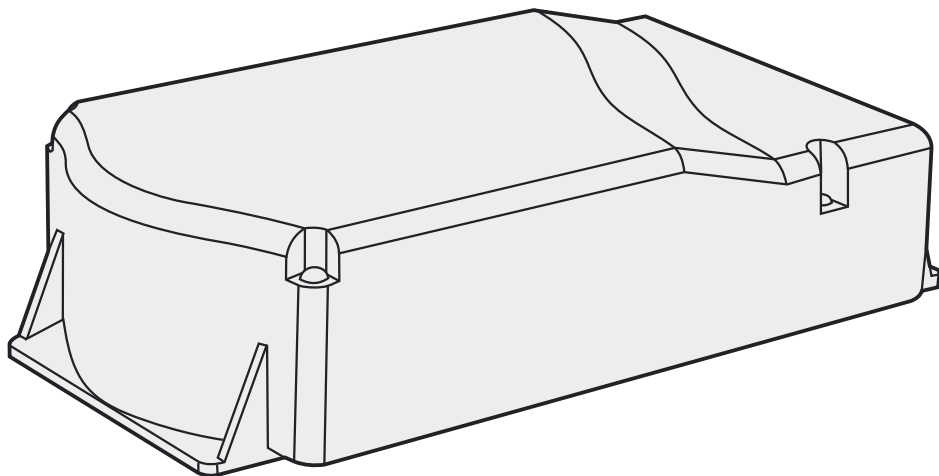
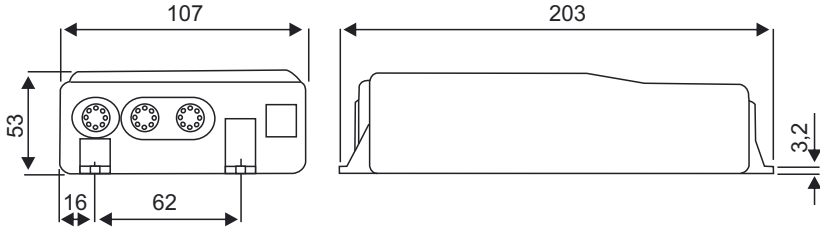



Installation manual for actuator controls type DCG



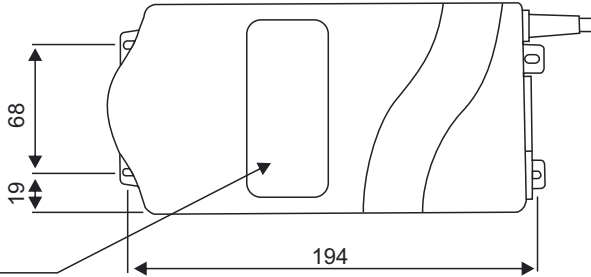
CE

Basic mounting

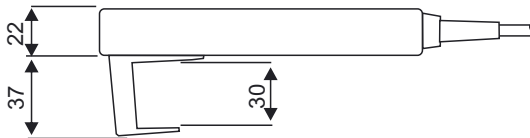
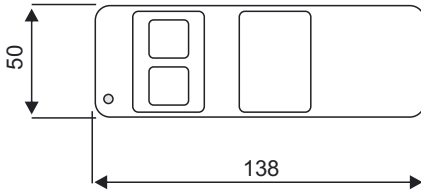
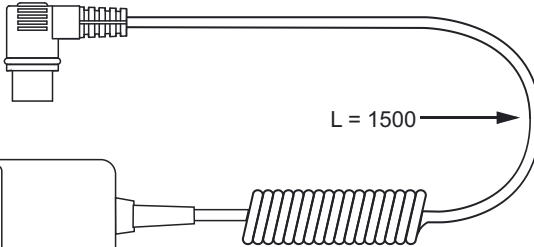



Motor plug M1
p/n D620 096
supplied with control

Control designation
and technical data



Note! the hand control
is ordered separately and
is not supplied with the
control box as standard.



Min. +5 °C

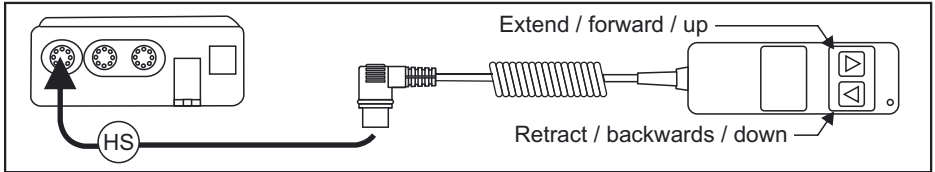


Max. +45 °C

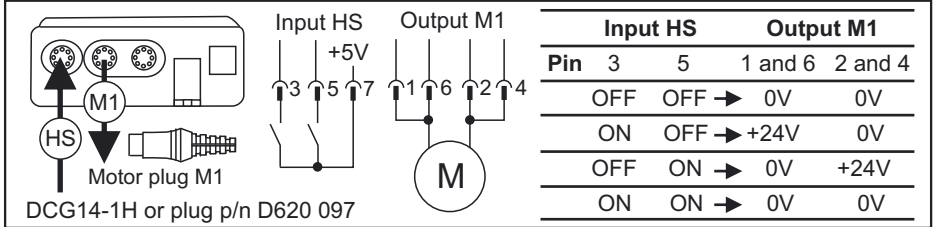


Indoor use only!

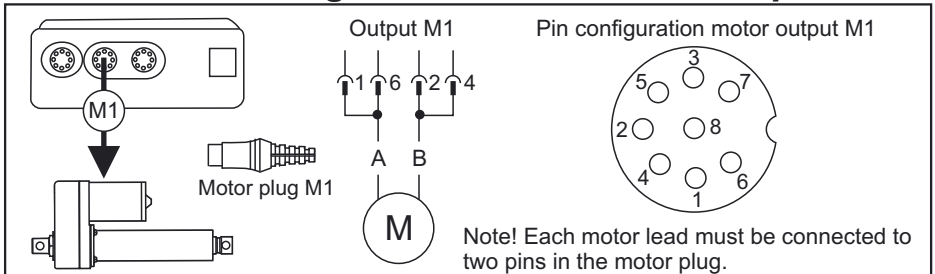
Connection of hand control DCG14-1H



Connection of direction inputs and motor outputs



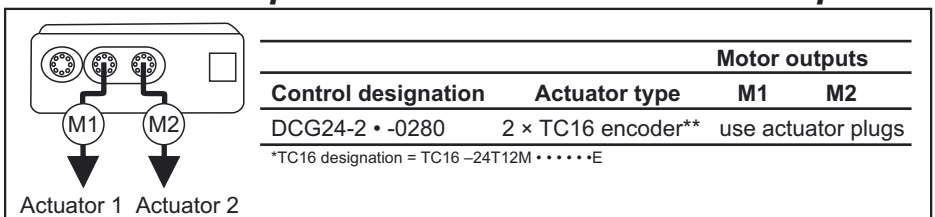
Connection of single actuator to motor outputs



Control designation	Actuator type	Lead A	Lead B
DCG24-1 • -0150	LA1	yellow	white
DCG24-1 • -0150	E050, Q050	black	red
DCG24-1 • -0160	LM80 for vertical operation*	use actuator plug	
DCG24-1 • -0170	LM80 for horizontal operation**	use actuator plug	
DCG24-1 • -0170	E150	red	black
DCG24-1 • -0180	TC16	use actuator plug	
DCG24-1 • -0190	LA10, LA14	red	black
DCG24-1 • -0190	PPA-DC	black	red
DCG24-1 • -0190	Movoact DMD	brown	blue

* LM80 designation = DT•..... V • **LM80 designation = DT•..... H •

Connection of parallel actuators to motor outputs



Reset procedure for parallel operating actuators

The following reset procedure is necessary at every power on or if the units has become misaligned.

1. Press retract/down key until the actuator reach the innermost/lowest possible pre-programmed end position and release the key.
2. Press and hold retract/down again. After about 5 seconds the units will start to move slowly again until the units has reached their absolute end position.
3. Release key down. The units is now aligned and ready for normal operation.

Technical data

	CONTROL DCG
Supply voltage	230 (115) ± 6 % Vac 50 (60) Hz*
Output voltage	24 Vdc
Output current, max. DCG24-1 • -0150 DCG24-1 • -0160 DCG24-1 • -0170 DCG24-1 • -0180 DCG24-1 • -0190 DCG24-2 • -0260 DCG24-2 • -0280	4 A 8 A 8 A 8 A 13 A 2 × 8 A** 2 × 8 A**
Standby power consumption	1,1 W
Life expectancy @ 10 % duty cycle	20 000 h
Weight of control	1,9 kg
Power supply cable length	3 m
Operating temperature limits	5 – 45 °C
Max. duty cycle @ 25 °C	10 %
Max. on time @ 25 °C	60 s
Operating humidity (non-condensing)	5 – 85 %
Insulation class	double insulation
	HAND CONTROL DCG14-1H***
Weight	0,4 kg
Cable length	1,5 m

* See label on the control for information on the correct supply voltage for your control.

** Double outputs for parallel synchronous operation of two actuators.

*** Optional, ordered separately.

CAUTION!

Make sure to always turn the power off before working on the actuator or the wiring.

TOLLO LINEAR AB

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