

DUCATI Composition of the basic gate opener kits

Kit contents																															
	HC418 (400mm)	HC518 (500mm)	HC618 (600mm)	HC312 (300mm)	HC412 (400mm)	HC512 (400mm)	HC612 (600mm)	SW400	SW400T	EVO700	EVO700T	EVE900	EVE 900T	KONTROL 7851 CTH41	KONTROL 7855 CTH42	KONTROL 7857 CTH44	KOTROL 9048 CTH48	IBOX1048 /12V - 24V	Fixing brackets*	R15	6203R*/6202*/6208*	SW5000*/key 5005*	SW6500	TASTY 6500	FLASH 7500	SW 7500	Solar Panel	Battery	Photocells* LASER 100 SW7012	Photocells* LASER 7012	
HC 819	2x(12V)			-	-	-	-	-	-	-	-	-	-	1x	-	-	-	-	1 x	1x	2x	1x	-	-	-	1x	-	-	-	-	-
HC 812-300	-	-	-	2x (12V)	-	-	-	-	-	-	-	-	-	-	1x	-	-	-	1 x	1x	2x	1x	-	-	-	1x	-	-	-	-	-
HC 812-400	-	-	-	-	2x (12V)	-	-	-	-	-	-	-	-	-	1x	-	-	-	1 x	1x	2x	1x	-	-	-	1x	-	-	-	1x	-
HC 812-300 SOLAR	-	-	-	2x (12V)	-	-	-	-	-	-	-	-	-	-	-	1x	-	-	1 x	1x	2x	1x	-	-	-	1x	1x	1x	-	-	-
HC 812-400 SOLAR	-	-	-	-	2x (12V)	-	-	-	-	-	-	-	-	-	-	1x	-	-	1 x	1x	2x	1x	-	-	-	1x	1x	1x	1x	-	-
HC 812-400 PRO	-	-	-	-	2x(12 o 24V)	-	-	-	-	-	-	-	-	-	-	-	-	-	1 x	1x	2x	1x	-	-	-	1x	-	-	-	1x	-
HC 812-500 PRO	-	-	-	-	-	2x(12 or 24V)	-	-	-	-	-	-	-	-	-	-	1x (12 or 24V)	-	1 x	1x	2x	1x	-	-	-	1x	-	-	-	1x	-
HC 812-600 PRO	-	-	-	-	-	-	2x(12 or 24V)	-	-	-	-	-	-	-	-	-	1x (12 or 24V)	-	1 x	1x	2x	1x	-	-	-	1x	-	-	-	1x	-
HC 619 PRO	-	-	2x (12 o 24V)	-	-	-	-	-	-	-	-	-	-	-	-	-	1x (12 or 24V)	-	1 x	1x	2x	1x	-	-	-	1x	-	-	-	1x	-
SW 3000	-	-	-	-	-	-	-	2x (12V)	-	-	-	-	-	1x	-	-	-	-	1 x	1x	2x	1x	-	-	1x	-	-	-	-	-	-
SW 7000	-	-	-	-	-	-	-	2x (12V)	-	-	-	-	-	-	1x	-	-	-	1 x	1x	2x	1x	-	-	1x	-	-	-	-	-	-
SW 7000 T	-	-	-	-	-	-	-	-	2x (12V)	-	-	-	-	-	1x	-	-	-	1 x	1x	2x	1x	-	-	1x	-	-	-	-	-	-
SW 7000 T SOLAR	-	-	-	-	-	-	-	-	2x (12V)	-	-	-	-	-	-	1x	-	-	1 x	1x	2x	-	-	-	1x	-	1x	1x	-	-	-
EVO 748	-	-	-	-	-	-	-	-	-	2x (12 or 24V)	-	-	-	-	-	-	1x (12 or 24V)	-	1 x	1x	2x	-	-	-	1x	-	-	-	-	-	1x
EVO 748 T	-	-	-	-	-	-	-	-	-	-	2x (12 or 24V)	-	-	-	-	-	1x (12 or 24V)	-	1 x	1x	2x	-	-	1x	1x	-	-	-	-	-	1x
EVO 748 SOLAR	-	-	-	-	-	-	-	-	-	2x (12V)	-	-	-	-	-	-	1x (12 V)	-	1 x	1x	2x	-	-	1x	1x	-	1x12V 10W	1x12V 7A	-	-	1x
EVO 748 T SOLAR	-	-	-	-	-	-	-	-	-	-	2x (12V)	-	-	-	-	-	1x (12V)	-	1 x	1x	2x	-	-	1x	1x	-	1x12V 10W	1x12V 7A	-	-	1x
EVE 948T	-	-	-	-	-	-	-	-	-	-	-	2x (12 or 24V)	-	-	-	-	1x (12 or 24V)	-	1 x	1x	2x	-	-	1x	1x	-	-	-	-	-	1x
EVE 948 T SOLAR	-	-	-	-	-	-	-	-	-	-	-	2x (12V)	-	-	-	-	1x (12)	-	1 x	1x	2x	-	-	1x	1x	-	1x12V 10W	1x12V 7A	-	-	1x
EVE 948 T PRO	-	-	-	-	-	-	-	-	-	-	-	2x (12 or 24V)	-	-	-	-	-	1x (12 or 24V)	1 x	1x	2x	-	-	-	1x	-	-	-	-	-	1x
EVE 948 T PRO SOLAR	-	-	-	-	-	-	-	-	-	-	-	2x (12 or 24V)	-	-	-	-	-	1x (12 or 24V)	1 x	1x	2x	-	-	-	1x	-	1x12V 10W (24V 20W)	1x12V 7A (2x12V 5A)	-	-	1x

Note: Versions "MONO" have the same kit composition of the corresponding kit model shown in the above table, but with only one actuator instead of two.

Attention: Some kit compositions not listed in this table may be available. Check the exact composition of your kit as stated in your order confirmation.

* = the component model included in the kit can be selected at the discretion of the manufacturer

DUCATI actuator's technical data comparison

actuator model	see page	power supply	W	N	stroke (mm)	speed (cm/sec)	tele-scopio tube	ideal for continuous use	working temperature	on board mechanical limit for closed position (pull to open)	on board mechanical limit for open position (pull to open)	on board electric limit for closed & open position	Max. wing length (L)	Max wing weight	Max. opening angle	Manual release system	Compatible with key protected manual release optional accessory	Automatic wing lock
HC 312	10	12V	60W	1200	300	1,5	√	√	-20°C/+60°C	-	FC version only	-	2,5m	250 kg	125°	√	-	√
HC 312/ 24 V	10	24V	120W	2400	300	2	√	√	-20°C/+60°C	-	FC version only	-	2,5m	350 kg	125°	√	-	√
HC 412	11	12V	60W	1200	400	1,5	√	√	-20°C/+60°C	-	FC version only	-	3,5m	350 kg	137°	√	-	√
HC 412 / 24V	11	24V	120W	2400	400	2	√	√	-20°C/+60°C	-	FC version only	-	3,5m	450 kg	137°	√	-	√
HC 512	12	12V	60W	1200	500	1,5	√	√	-20°C/+60°C	-	FC version only	-	4m	400 kg	137°	√	-	√
HC 512 / 24V	12	24V	120W	2400	500	2	√	√	-20°C/+60°C	-	FC version only	-	4m	500 kg	137°	√	-	√
HC 612	13	12V	60W	1200	600	1,5	√	√	-20°C/+60°C	-	FC version only	-	5m	400 kg	137°	√	-	√
HC 612/ 24V	13	24V	120W	2400	600	2	√	√	-20°C/+60°C	-	FC version only	-	5m	500 kg	137°	√	-	√
HC 418	14	12V	60W	1200	400	1,5	-	√	-20°C/+60°C	FC version only	FC version only	-	2m	200 kg	120°	√	-	√
HC 418 /24V	14	24V	120W	2400	400	2	-	√	-20°C/+60°C	FC version only	FC version only	-	2m	300 kg	120°	√	-	√
HC 518	15	12V	60W	1200	500	1,5	-	√	-20°C/+60°C	FC version only	FC version only	-	3m	350 kg	125°	√	-	√
HC518 /24V		24V	120W	2400	500	2	-	√	-20°C/+60°C	FC version only	FC version only	-	3m	450 kg	125°	√	-	√
HC 618	16	12V	60W	1200	600	1,5	-	√	-20°C/+60°C	-FC version only	FC version only	-	4m	350kg	130°	√	-	√
HC618 / 24V	16	24V	120W	2400	600	2	-	√	-20°C/+60°C	FC version only	FC version only	-	4m	450kg	130°	√	-	√
SW400	17	12V	60W	1200	400	1,5	-	√	-20°C/+60°C	FC version only	FC version only	-	2m	200 kg	120°	√	SW LOCK	√
SW400 / 24V	17	24V	120W	2400	400	2	-	√	-20°C/+60°C	FC version only	FC version only	-	2m	300 kg	120°	√	SW LOCK	√
SW400 T	18	12V	60W	1200	400	1,5	√	√	-20°C/+60°C	-	FC version only	-	2,6m	260 kg	135°	√	SW LOCK	√
SW400 T /24V	18	24V	120W	2400	400	2	√	√	-20°C/+60°C	-	FC version only	-	2,6m	360 kg	135°	√	SW LOCK	√
EVO 700	19	12V	60W	1200	500	1,5	-	√	-20°C/+60°C	FC version only	FC version only	-	4m	350 kg	140°	√	SW LOCK	√
EVO 700 /24V	19	24V	120W	2400	500	2	-	√	-20°C/+60°C	FC version only	FC version only	√	4m	450 kg	140°	√	SW LOCK	√
EVO 700T	20	12V	60W	1200	500	1,5	√	√	-20°C/+60°C	-	FC version only	-	5m	350 kg	135°	√	SW LOCK	√
EVO 700T /24V	20	24V	120W	2400	500	2	√	√	-20°C/+60°C	-	FC version only	√	5m	450 kg	135°	√	SW LOCK	√
EVE 900	21	12V	60W	1200	500	1,5	-	√	-20°C/+60°C	√	√	FCA version only	4m	450 kg	130°	√	EVE LOCK	√
EVE 900 /24V	21	24V	120W	2400	500	2	-	√	-20°C/+60°C	√	√	FCA version only	4m	550 kg	130°	√	EVE LOCK	√
EVE 900 T	22	12V	60W	1200	500	1,5	√	√	-20°C/+60°C	√	√	FCA version only	5m	400 kg	135°	√	EVE LOCK	√
EVE 900 T /24V	22	24V	120W	2400	500	2	√	√	-20°C/+60°C	√	√	FCA version only	5m	500 kg	135°	√	EVE LOCK	√

DUCATI electronic board data comparison



Electronic board comparison table	CTH41 supplied in control box model KONTROL 7851	CTH41MONO supplied in control box model KONTROL 7851 MONO	CTH42 supplied in control box model KONTROL 7855	CTH44 supplied in control box model KONTROL 7857	CTH48 supplied in control box model KONTROL 9048
Use	2 wings gates	1 wing gates	1 or 2 wing gate	1 or 2 wing gate	1 or 2 wing gate
System operating voltage	12V (from transformer)	12V (from transformer)	12V (from transformer)	12V (from Solarpanel + battery or from transformer with backup battery)	12V (from Solarpanel + battery or from transformer or from backup battery)
Compatible with emergency batteries in case of power failure	-	-	Yes, with additional CMBAT battery charger module	Yes, battery and solar panel management ready on board	Yes, 12v Directly or 24V for standard 2 speed use with additional CMBAT battery charger module
Compatible with Solar panel power supply	-	-	Yes, with additional CMBAT battery charger module	JA ist bereits auf der Platine vorgesehen: direkte Anbindung an das Solarmodul 12V	Yes, with additional 2x CMBAT battery charger module
Stand-By consumption	0,008A	0,008A	0,012A	0,007A	0,007A
Step by step working mode	√	√	√	√	√
Automatic closure working mode	Yes. fix pause time 30 sec.	√. fix pause time 30sec.	with adjustable pause time up to 100 sec.	with adjustable pause time up to 100 sec.	with adjustable pause time up to 100 sec.
Obstacle detection system in compliance with EN 13241 -12453	√	√	√	√	√
In case of obstacle detection	gate stops	gate stops	gate stops	gate stops	gate reverse
Motor power adjustment	-	-	√	√	√
Pedestrian opening (1 wing partially opens)	-	-	√ from remote control or wired keyswitch	√ from remote control	√ from remote control or wired keyswitch
SOFT STOP	-	-	-	-	Yes
Electric-lock compatibility	-	-	√ output 12V ac but if powered by battery only electolock with booster	-	√ output 12V dc requires electolock with booster
phase shift displacement time actuators adjustment	-	-	-	-	√
Courtesy light output	-	-	√ timerized	-	√ timerized
Rolling code radio-receiver	1-channel	1-channel	2-channels	2-channels	2-channels
Input for photocells, key switch, blinker	√	√	√	√	√
Input aerial antenna	-	-	√	√	√