

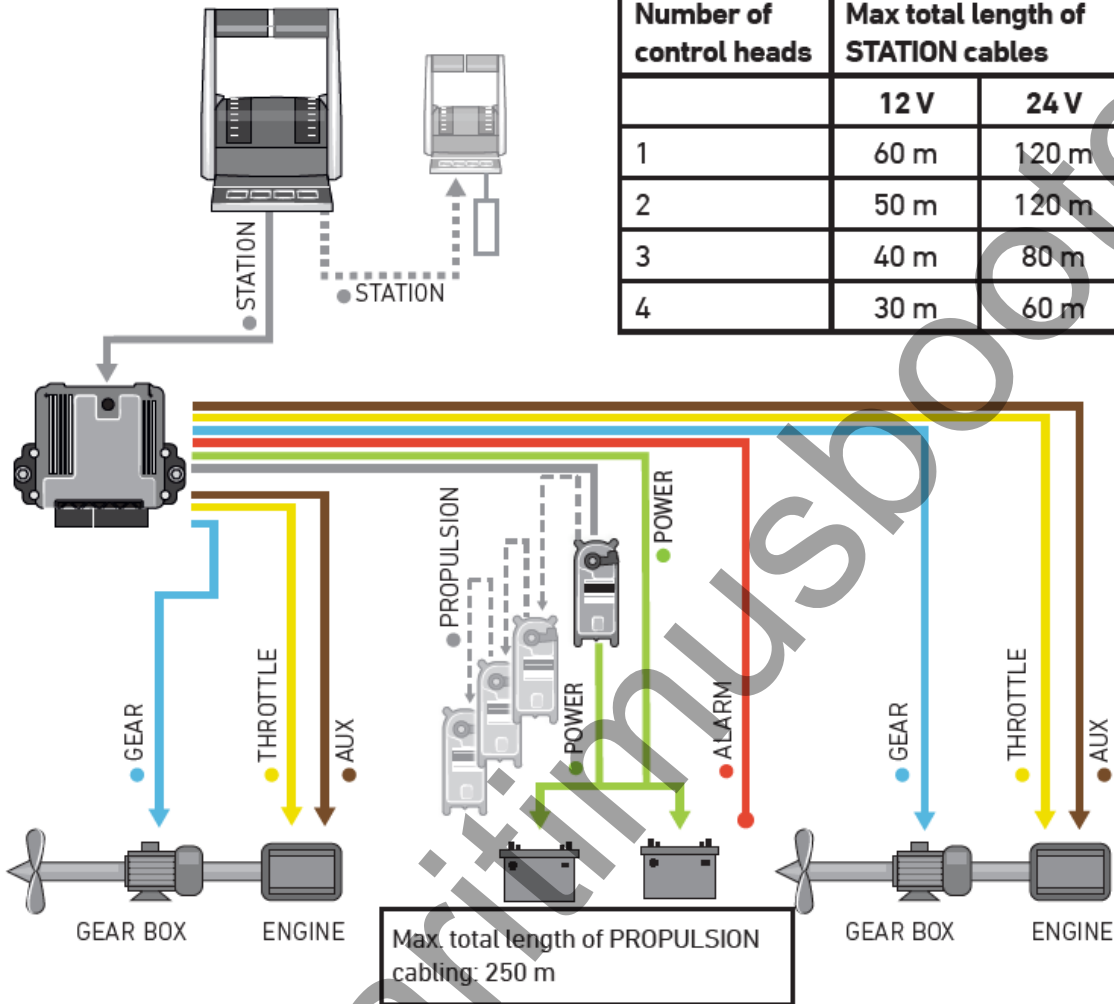


Marex ECS Parts



www.maritima-technik.de

Number of control heads	Max total length of STATION cables	
	12 V	24 V
1	60 m	120 m
2	50 m	120 m
3	40 m	80 m
4	30 m	60 m



Example configuration twin engine

www.marineparts.de

Marex ECS component

Designation	Part no.
Marex ECS single control head black	R417003143
Marex ECS single control head chrome	R417003145
Marex ECS twin control head black	R417003144
Marex ECS twin control head chrome	R417003146
Marex ECS control unit	R419302115
Marex ECS single wiring harness with THROTTLE connector	R419302205
Marex ECS twin wiring harness with THROTTLE connector	R419302206
Marex ECS single wiring harness without THROTTLE connector	R419302207
Marex ECS twin wiring harness without THROTTLE connector	R419302208
Marex ECS actuator 12V DC	R417003154
Marex ECS actuator 24V DC	R417003155
Push-pull cable, stroke 76mm, 2m	3236994152
Push-pull cable, stroke 76mm, 3m	3236994162
POWER cable, 5m	R419801567
POWER cable, 10m	R419801316
POWER cable, dual battery connection, 10m	R419801522
POWER cable, ignition input, 20m	R419801547
STATION/ PROPULSION bus cable, 1m	R419801349
STATION/ PROPULSION bus cable, 5m	R419801350
STATION/ PROPULSION bus cable, 10m	R419801351
STATION/ PROPULSION bus cable, 15m	R419801352
STATION/ PROPULSION bus cable, 20m	R419801353
STATION/ PROPULSION bus cable, 30m	R419801354
STATION/ PROPULSION bus cable, 40m	R419801560
STATION/ PROPULSION bus cable, 50m	R419801561
STATION/ PROPULSION bus cable, 60m	R419801562
STATION/ PROPULSION bus terminating resistor	8941054274
STATION/ PROPULSION Bus cable connector	R419801362
THROTTLE control cable, 4...20mA, 10m	R419801320
THROTTLE control cable, 4...20mA, 20m	R419801321

THROTTLE control cable, 0...5V, 10m	R419801322
THROTTLE control cable, 0...5V, 20m	R419801323
THROTTLE control cable, PWM, 10m	R419801324
THROTTLE control cable, PWM, 20m	R419801325
GEAR control cable, forward/reverse, 10m	R419801334
GEAR control cable, forward/reverse, solenoid valve connector, 5m	R419801335
GEAR control cable, forward/reverse, solenoid valve connector, 10m	R419801336
AUX control cable, start interlock contact, 10m	R419801345
AUX control cable, start interlock contact, safety stop, high idle, 10m	R419801344
ALARM control cable, alarm and monitoring interface, 10m	R419801319

Marex ECS SW 1.x/2.x spare parts

Designation	Part no.
Marex ECS control unit (SW V1.x)	R419302102
Marex ECS single control head (SW V1.x)	R417002550
Marex ECS twin control head (SW V1.x)	R417002400
Marex ECS actuator 12V DC (SW V1.x)	R417002102
Marex ECS actuator 24V DC (SW V1.x)	R417002103
Marex ECS single control head black (SW V2.x)	R417002810
Marex ECS single control head chrome (SW V2.x)	R417002881
Marex ECS twin control head black (SW V2.x)	R417002808
Marex ECS twin control head chrome (SW V2.x)	R417002880
Marex ECS control unit (SW V2.x)	R419302110
Marex ECS actuator 12V DC (SW V2.x)	R417002894
Marex ECS actuator 24V DC (SW V2.x)	R417002895
Mounting kit push-pull cable	3236990062

System configuration tables

Electrical engine control/ electrical gear control

engine control: electrical gear control: electrical			single engine				twin engine			
			stations							
Designation		Part no.	1	2	3	4	1	2	3	4
Marex ECS single control head	black	R417003143	1	2	3	4	-	-	-	-
	chrome	R417003145								
Marex ECS twin control head	black	R417003144	-	-	-	-	1	2	3	4
	chrome	R417003146								
Marex ECS control unit	12/24V	R419302115	1	1	1	1	1	1	1	1
Marex ECS wiring harness with THROTTLE	single	R419302205	1	1	1	1	-	-	-	-
	twin	R419302206	-	-	-	-	1	1	1	1
Marex ECS wiring harness without THROTTLE	single	R419302207	-	-	-	-	-	-	-	-
	twin	R419302208								
Marex ECS actuator	12V	R417003154	-	-	-	-	-	-	-	-
	24V	R417003155								
POWER cable	5m	R419801567								
	10m*	R419801316	1	1	1	1	1	1	1	1
POWER cable, dual battery connection	10m*	R419801522								
POWER ignition input cable	20m	R419801547	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
STATION/ PROPULSION bus cable	1m	R419801349								
	5m	R419801350								
	10m	R419801351								
	15m	R419801352								
	20m	R419801353	1	2	3	4	1	2	3	4
	30m	R419801354								
	40m	R419801560								
	50m	R419801561								
THROTTLE control cable, 4...20mA	10m	R419801320								
	20m	R419801321								
THROTTLE control cable, 0...5V	10m	R419801322	1	1	1	1	2	2	2	2
	20m	R419801323								
THROTTLE control cable, PWM	10m	R419801324								
	20m	R419801325								
GEAR control cable, FWD/REV	10m	R419801334								
GEAR control cable, FWD/REV, DIN connector	5m	R419801335	1	1	1	1	2	2	2	2
	10m	R419801336								
AUX control cable, start interlock	10m	R419801345	(1)	(1)	(1)	(1)	(2)	(2)	(2)	(2)
AUX control cable, start int., safety stop, h. idle	10m	R419801344								
ALARM control cable	10m	R419801319	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

(optional)

*not suitable for Marex ECS actuator 12V DC

Electrical engine control/ mechanical gear control

engine control: electrical gear control: mechanical			single engine				twin engine			
			stations							
Designation		Part no.	1	2	3	4	1	2	3	4
Marex ECS single control head	black	R417003143	1	2	3	4	-	-	-	-
	chrome	R417003145								
Marex ECS twin control head	black	R417003144	-	-	-	-	1	2	3	4
	chrome	R417003146								
Marex ECS control unit	12/24V	R419302115	1	1	1	1	1	1	1	1
Marex ECS wiring harness with throttle	single	R419302205	1	1	1	1	-	-	-	-
	twin	R419302206	-	-	-	-	1	1	1	1
Marex ECS wiring harness without throttle	single	R419302207	-	-	-	-	-	-	-	-
	twin	R419302208								
Marex ECS actuator	12V	R417003154	1	1	1	1	2	2	2	2
	24V	R417003155								
POWER cable	5m	R419801567								
	10m*	R419801316	2	2	2	2	3	3	3	3
POWER cable, dual battery connection	10m*	R419801522								
POWER ignition input cable	20m	R419801547	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
STATION/ PROPULSION bus cable	1m	R419801349								
	5m	R419801350								
	10m	R419801351								
	15m	R419801352								
	20m	R419801353	2	3	4	5	3	4	5	6
	30m	R419801354								
	40m	R419801560								
	50m	R419801561								
THROTTLE control cable, 4...20mA	10m	R419801320								
	20m	R419801321								
THROTTLE control cable, 0...5V	10m	R419801322	1	1	1	1	2	2	2	2
	20m	R419801323								
THROTTLE control cable, PWM	10m	R419801324								
	20m	R419801325								
GEAR control cable, FWD/REV	10m	R419801334	-	-	-	-	-	-	-	-
GEAR control cable, FWD/REV, DIN connector	5m	R419801335								
	10m	R419801336								
AUX control cable, start interlock	10m	R419801345	(1)	(1)	(1)	(1)	(2)	(2)	(2)	(2)
AUX control cable, start int., safety stop, h. idle	10m	R419801344	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
ALARM control cable	10m	R419801319	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

(optional)

*not suitable for Marex ECS actuator 12V DC

Mechanical engine control/ electrical gear control

engine control: mechanical gear control: electrical			single engine				twin engine			
			stations							
Designation		Part no.	1	2	3	4	1	2	3	4
Marex ECS single control head	black	R417003143	1	2	3	4	-	-	-	-
	chrome	R417003145								
Marex ECS twin control head	black	R417003144	-	-	-	-	1	2	3	4
	chrome	R417003146								
Marex ECS control unit	12/24V	R419302115	1	1	1	1	1	1	1	1
Marex ECS wiring harness with throttle	single	R419302205	-	-	-	-	-	-	-	-
	twin	R419302206								
Marex ECS wiring harness without throttle	single	R419302207	1	1	1	1	-	-	-	-
	twin	R419302208	-	-	-	-	1	1	1	1
Marex ECS actuator	12V	R417003154	1	1	1	1	2	2	2	2
	24V	R417003155								
POWER cable	5m	R419801567								
	10m*	R419801316	2	2	2	2	3	3	3	3
POWER cable, dual battery connection	10m*	R419801522								
POWER ignition input cable	20m	R419801547	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
STATION/ PROPULSION bus cable	1m	R419801349								
	5m	R419801350								
	10m	R419801351								
	15m	R419801352								
	20m	R419801353	2	3	4	5	3	4	5	6
	30m	R419801354								
	40m	R419801560								
	50m	R419801561								
THROTTLE control cable, 4...20mA	10m	R419801320								
	20m	R419801321								
THROTTLE control cable, 0...5V	10m	R419801322	-	-	-	-	-	-	-	-
	20m	R419801323								
THROTTLE control cable, PWM	10m	R419801324								
	20m	R419801325								
GEAR control cable, FWD/REV	10m	R419801334								
GEAR control cable, FWD/REV, DIN connector	5m	R419801335	1	1	1	1	2	2	2	2
	10m	R419801336								
AUX control cable, start interlock	10m	R419801345	(1)	(1)	(1)	(1)	(2)	(2)	(2)	(2)
AUX control cable, start int., safety stop, h. idle	10m	R419801344	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
ALARM control cable	10m	R419801319	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

(optional)

*not suitable for Marex ECS actuator 12V DC

Mechanical engine control/ mechanical gear control

engine control: mechanical gear control: mechanical			single engine				twin engine			
			stations							
Designation		Part no.	1	2	3	4	1	2	3	4
Marex ECS single control head	black	R417003143	1	2	3	4	-	-	-	-
	chrome	R417003145								
Marex ECS twin control head	black	R417003144	-	-	-	-	1	2	3	4
	chrome	R417003146								
Marex ECS control unit	12/24V	R419302115	1	1	1	1	1	1	1	1
Marex ECS wiring harness with throttle	single	R419302205	-	-	-	-	-	-	-	-
	twin	R419302206								
Marex ECS wiring harness without throttle	single	R419302207	1	1	1	1	-	-	-	-
	twin	R419302208	-	-	-	-	1	1	1	1
Marex ECS actuator	12V	R417003154	2	2	2	2	4	4	4	4
	24V	R417003155								
POWER cable	5m	R419801567								
	10m*	R419801316	3	3	3	3	5	5	5	5
POWER cable, dual battery connection	10m*	R419801522								
POWER ignition input cable	20m	R419801547	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
STATION/ PROPULSION bus cable	1m	R419801349								
	5m	R419801350								
	10m	R419801351								
	15m	R419801352								
	20m	R419801353	3	4	5	6	5	6	7	8
	30m	R419801354								
	40m	R419801560								
	50m	R419801561								
THROTTLE control cable, 4...20mA	10m	R419801320								
	20m	R419801321								
THROTTLE control cable, 0...5V	10m	R419801322	-	-	-	-	-	-	-	-
	20m	R419801323								
THROTTLE control cable, PWM	10m	R419801324								
	20m	R419801325								
GEAR control cable, FWD/REV	10m	R419801334								
GEAR control cable, FWD/REV, DIN connector	5m	R419801335	-	-	-	-	-	-	-	-
	10m	R419801336								
AUX control cable, start interlock	10m	R419801345	(1)	(1)	(1)	(1)	(2)	(2)	(2)	(2)
AUX control cable, start int., safety stop, h. idle	10m	R419801344	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
ALARM control cable	10m	R419801319	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

(optional)

*not suitable for Marex ECS actuator 12V DC