Type No. 211-031-011

Description / features

The e-clutch is an electro-hydraulic actuator that replaces the conventional, foot paddle driven clutch actuation system.

The unit is driven by an electro motor which is controlled via analog paddles mounted on the steering wheel.

The e-clutch features automatic anti-stall function by being able to open the clutch in approx. 140ms (@ clutch pressure of 40bar). It also offers optional launch control and due to a state of the art controller it also allows to keep the clutch constantly open over time. Besides that the unit has an integrated functionality to comply with the FIA safety

requirement of being able to externally disconnect the drive train in case of a stranded car with stalled engine.



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Technical specifications

Electronic data:

Operating voltage 12.0..15.6V nom. Standby current 0.5 A Peak current max. 80A Circuit breaker not integrated ETA, 452 K34 FN2 80A Recommended external circuit breaker



Mechanical data:

Dimensions with master cylinder L x W x H approx. 201 x 65 x 88 mm Dimensions without master cylinder L x W x H approx. 147 x 65 x 78 mm Weight (incl. master cylinder) Master cylinder modified AP Racing "CP 2623" clutch cylinder



Hydraulic data:

70 bar Max. hydraulic clutch pressure



Connector:

Deutch 37 pin, pig tail AS114-35PA Deutch 37 socket, loom side AS614-35SA Lenght pig tail approx. 300mm



Temperature range:

Ambient -25 °C ... +80 °C



Ordering information:

211-031-011 Article no. Order no. 10796

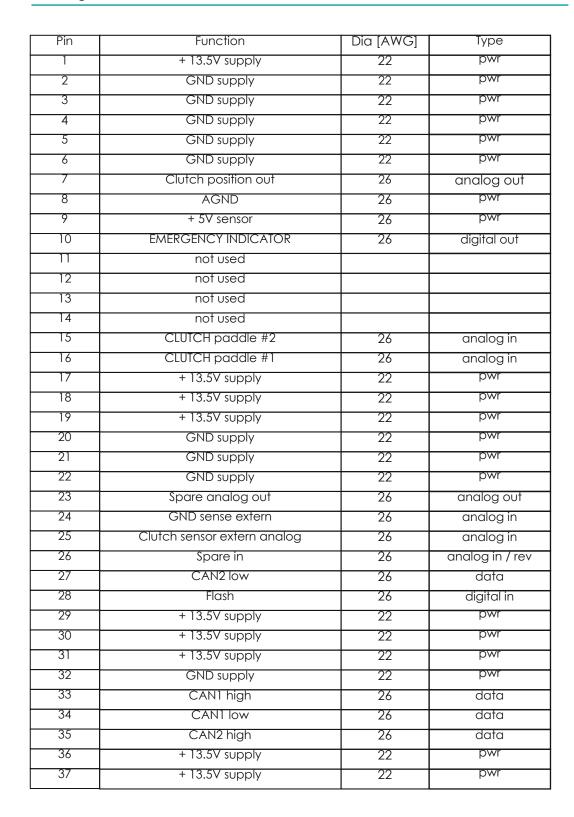


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Type No. 211-031-011

Pin assignment





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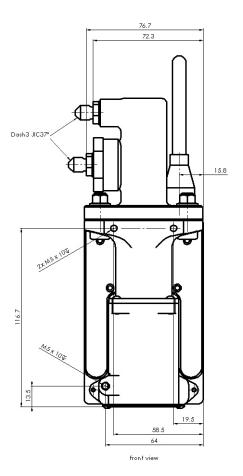
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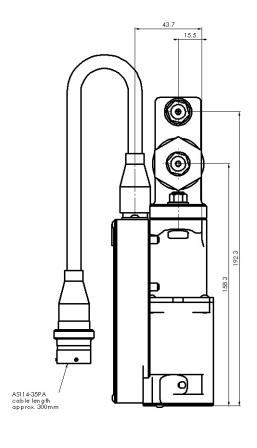
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Type No. 211-031-011

Assembly dimensions





left side view



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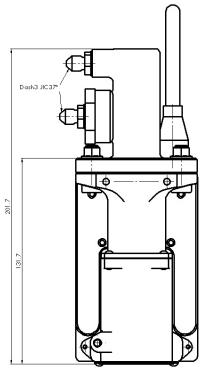
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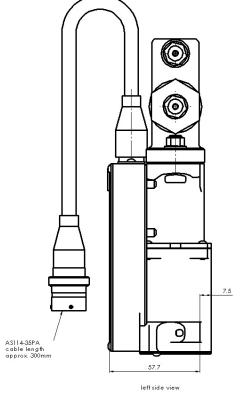
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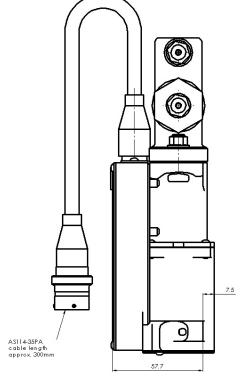
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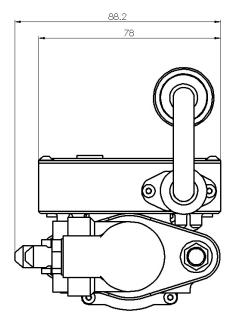
Mechanical dimensions











top view

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