

## Overview

## Product information

**FGAC-T-032A-P-0.0M-22060000033**

Charging device outlet for charging electric vehicles (EVs) with alternating current (AC), compatible with national standard AC powered charging device plugs for installation in electric vehicle charging stations (EVSE)

## Product advantages

- ☑ All Degson's vehicle sockets and charging pile power sockets adopt a unified design
- ☑ The surface of power and signal contacts are silver-plated
- ☑ Certified to IATF 16949:2016
- ☑ Ergonomic and easy to operate

## Product certification



## Technical data

## Product drawing

## 3D model

## Environmental conditions

Maximum altitude	5000m(Above sea level )
Ambient temperature (operation)	-30 °C ~ 50 °C
Ambient temperature (storage / transport)	-40 °C ~ 80 °C
IP class	IP54 ( protection cover )

## Electrical characteristics

Maximum charge power	26KW
Phase	3
Power pin quantity	5

Rated current of high-power contacts	32
Power contact rated voltage	440
Quantity of signal contacts	2
Signal contact rated current	2
Signal contact rated voltage	30
Signal transmission type	Pulse width adjustment
Connection method precautions	Crimp connection, cannot be disconnected
Temperature measurement	2x Pt 1000 (DIN EN 60751)

#### Mechanical properties

Insertion/pullout cycle	10000
Insertion force	< 100N
Pull out force	< 100N

#### Installation

Available installation location	Installation in front of the board
Limit of the installation location	Only allow 0 to 90 degrees frontal tilt
Lock actuator installation location	Top center
Mounting hole diameter	7.00 mm (ø)

#### Marking material

Shell color	black
Customization basis	Provided according to customer requirements
Contact surface material	Ag
Marking material	Plastic

#### Locking device

Lock type	Secured by locking device after insertion
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#### Lock actuator

Poles of pluggable connectors	4
Nominal operating voltage	12V
Motor possible supply voltage range	9-15.5V
Lock detection maximum voltage	12V
Response time	≥0.02S
Work cycle	On: off=0.02S: 10S
Working temperature	_40 °C ... 80 °C
Withstand voltage	DC1000V
Power	32W±10%
Service life	>10000 times without load
Ambient temperature (operation)	_30 °C ... 50 °C
Cable length	0.3m
Cable composition	4 x 0.5 mm <sup>2</sup>

#### Cable

Cable composition	2 x6 mm <sup>2</sup> + 1 x 10 mm <sup>2</sup> + 2× 0.75 mm <sup>2</sup>
	4 x6 mm <sup>2</sup> + 1 x 10 mm <sup>2</sup> + 2× 0.75 mm <sup>2</sup>

#### Bag

color	Blue
Dimension	ø350*100mm

#### Temperature Sensor

Standard	DIN EN 60751
Recommended measured current	1 mA (1 V at 0°C )
Temperature range	_50 °C ... 150 °C
Temperature coefficient (TCR)	3850 ppm/K
Long-term stability ( maximum R0-Drift)	0.06 % (After 1000 hours at 130°C )

Shutdown temperature	90 °C Equivalent to Pt 1000 value 1346.5 Ω
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Environmental Product Compliance

REACH	conform
China RoHS	conform

Dimension

Depth	63.2mm
Hole diameter	60mm x 60 mm
Wire length	0m
	0.3 m (Lock the actuator cable)
width	76mm
Height	115.8mm

Accessories

Business data

Order number	22060000033
Packing unit	5pcs/box
Minimum order quantity	5
Products weight (without packaging)	13.65