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Passenger cars — Starter motor electrical connections

Voitures particulières — Connexions électriques de démarreur

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Reference number
ISO 9458 : 1988 (E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 9458 was prepared by Technical Committee ISO/TC 22, *Road vehicles*.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

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Passenger cars — Starter motor electrical connections

1 Scope and field of application

This International Standard specifies the requirements for electrical connections used on the starter motors of passenger cars.

The specifications of this International Standard apply to the positive terminals of the starter motor to the battery and to the solenoid.

2 Reference

ISO 8092-1, *Road vehicles — Flat quick-connect terminations — Part 1: Tabs for single pole connections.*¹⁾

3 Dimensions and tolerances

3.1 Battery positive terminal

The dimensions shown in figures 1 and 2, and the table shall apply to the battery positive terminal of the starter motor.

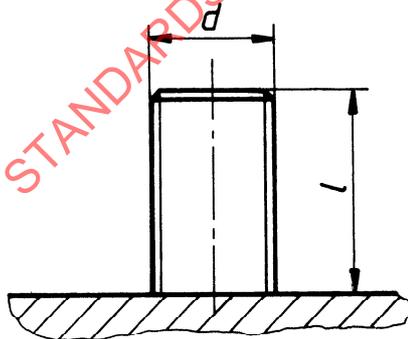


Figure 1 — Positive terminal to battery — Preferred type

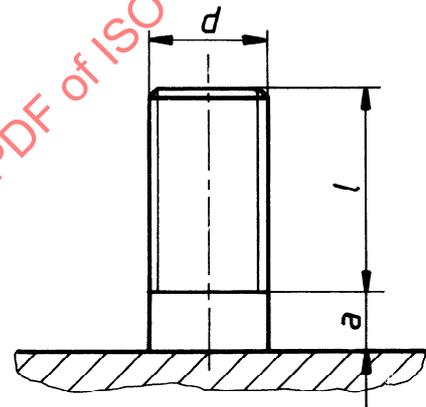


Figure 2 — Positive terminal to battery — Alternative type

Table

Dimensions in millimetres

Starter motor power kW	d	l	a
0,5 to 1,7	M8	14	2,5
1,7 to 2,3	Either M8 or M10 threads and corresponding dimensions can be used, by agreement between vehicle and starter motor manufacturers.		
2,3 to 4	M10	16	3

1) At present at the stage of draft.