



Road vehicles — Flashers — Functional allocation of terminals

Véhicules routiers — Centrales clignotantes — Affectation fonctionnelle des bornes

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ISO/TR 8857 was prepared by Technical Committee ISO/TC 22, *Road vehicles*.

The reasons which led to the decision to publish this document in the form of a technical report type 1 are explained in the Introduction.

0 Introduction

Subcommittee ISO/TC 22/SC 3, *Electrical connections*, has studied the functional allocation of flasher terminals since 1971. In spite of efforts, and because of the large number of existing flashers on the market, the Subcommittee has not obtained the necessary substantial support for one type. At its last meeting in Budapest in May 1984, Subcommittee ISO/TC 22/SC 3 decided therefore to propose the publication of a Technical Report of type 1.

1 Scope and field of application

This Technical Report indicates the most important of the systems of flasher units used today. All of them have the same socket type, but each of them with a different functional allocation of the terminals.

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This Technical Report shall prevent development of new flasher units having the same socket type according to ISO 7588 but with different functional allocations.

2 Reference

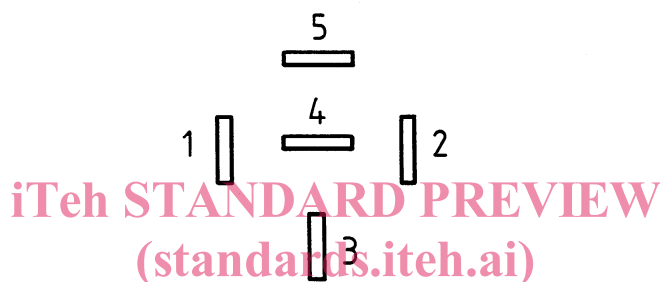
ISO 7588, *Road vehicles — Relays and flashers — Mounting and positioning dimensions of male tabs and socket apertures for relays and flashers.*

3 Positioning and functional allocation of the terminals

3.1 Positioning

The terminal positioning shown in the figure is specified in ISO 7588.

Terminal numbers 1 to 5 are not terminal markings. They are used in this Technical Report only to show the functional allocation.



ISO/TR 8857:1986
Figure — Terminal positioning from flasher connecting side
<https://standards.iteh.ai/catalog/standards/sist/1b291587-b95a-4672-b0ba-6403d7ad9d3f/iso-tr-8857-1986>

3.2 Functional allocation

The different terminal functional allocations of flasher unit systems are shown in the table.

Table — Flasher unit terminals : functional allocation

Use		Cars without trailer		Cars with trailer		
System	Terminal	2 terminals	3 terminals	Flasher with 4 terminals	5 terminals	
A	1	—	Common return	Common return	Common return	Common return
	2	—	Supply	Supply	Supply	Supply
	3	—	—	Pilot	Additional pilot	Additional pilot
	4	—	—	—	—	Pilot
	5	—	Lamps	Lamps	Lamps	Lamps
B	1	—	Supply	Supply	Supply	Supply
	2	—	Lamps	Lamps	Lamps	Lamps
	3	—	—	—	Additional pilot	Additional pilot
	4	—	—	Common return	—	Common return
	5	—	Pilot	Pilot	Pilot	Pilot
C	1	Supply	Supply	Supply	Supply	
	2	—	Common return	Common return	Common return	
	3	—	—	Additional pilot	Additional pilot	
	4	—	—	—	Additional pilot	
	5	Lamps	Lamps	Lamps	Lamps	

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