

DIN EN 12675



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Supersedes
DIN EN 12675:2000-12

**Traffic signal controllers –
Functional safety requirements;
English version EN 12675:2017,
English translation of DIN EN 12675:2017-11**

Steuergeräte für Lichtsignalanlagen –
Funktionale Sicherheitsanforderungen;
Englische Fassung EN 12675:2017,
Englische Übersetzung von DIN EN 12675:2017-11

Contrôleurs de signaux de circulation routière –
Exigences de sécurité fonctionnelle;
Version anglaise EN 12675:2017,
Traduction anglaise de DIN EN 12675:2017-11

Document comprises 25 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

National foreword

This document (EN 12675:2017) has been prepared by Technical Committee CEN/TC 226 “Road equipment” (Secretariat: AFNOR, France).

The responsible German body involved in its preparation was *DIN-Normenausschuss Bauwesen* (DIN Standards Committee Building and Civil Engineering), Working Committee NA 005-10-24 GA “Joint working committee NABau/FNL/FNF: Traffic control installations (national Mirror Committee to CEN/TC 226/WG 4)”.

Amendments

This standard differs from DIN EN 12675:2000-12 as follows:

- a) in the Scope, the restriction for portable traffic signal control equipment has been deleted;
- b) in the Scope, the handling of classes at the national level has been clarified;
- c) references to EN 50556 have been updated;
- d) in 3.9, the restriction of manual operation mode to an operator has been deleted;
- e) in 3.12, the operation modes of a traffic signal controller have been renamed and reordered;
- f) in 3.29, the definition of time base frequency has been included;
- g) in 3.32, the definition of traffic signal controller has been extended by the monitoring function;
- h) in 3.34, a definition of the traffic signal controller logic has been included;
- i) in 4.2, requirements for the power up self test have been generalized;
- j) in 4.3, the requirements for continuous diagnostic checks have been generalized;
- k) in 4.7.1, the restriction to vehicular signal groups for Class CB1 has been deleted;
- l) in 4.9, the requirements for safety relevant timings have been clarified;
- m) in 5.2, the requirement for ongoing operation of master clock and maintenance facilities in the case of a major fault has been deleted;
- n) in 5.4, the list of faults necessary to be recorded has been renumbered and corrected;
- o) in Clause 6, the necessary user documentation has been limited to needs for safe operation and service;
- p) in 6 f), “means of programming” has been replaced by “tools”;

- q) in Clause 7, the requirements for marking and labelling have been reworded more generally to also cover onsite reprogrammable memory;
- r) in Annex A, deviations on National Regulations for the Netherlands have been deleted;
- s) the standard has been editorially revised.

Previous editions

DIN EN 12675: 2000-12