

DIN EN 12896-3:2026-11 (E)

Erscheinungsdatum: 2026-10-09

Public transport - Reference data model - Part 3: Timing information and vehicle scheduling; English version EN 12896-3:2026

Contents

Page

European foreword	4
1 Scope.....	6
2 Normative references.....	6
3 Terms, definitions and abbreviations	6
3.1 Terms and definitions.....	6
3.2 Abbreviations.....	7
4 General information	8
5 Timing information and vehicle scheduling data domain	8
5.1 Introduction.....	8
5.2 Overview - Model and document structure.....	8
5.3 Journey and journey times	9
5.3.1 Vehicle journey.....	9
5.3.2 Service journey	12
5.3.3 Time demand times	15
5.3.4 Journey timing	17
5.3.5 Journey pattern times	20
5.3.6 Vehicle journey times.....	21
5.3.7 Interchange	23
5.3.8 Interchange rule – Conceptual model.....	27
5.3.9 Coupled journey	28
5.3.10 Flexible service	33
5.3.11 Journey accounting	35
5.4 Dated journey – Conceptual model.....	36
5.4.1 Dated journey.....	36
5.4.2 Dated vehicle journey interchange	38
5.5 Passing times.....	39
5.5.1 Passing times.....	39
5.5.2 Passenger at stop time	41
5.6 Vehicle scheduling.....	42
5.6.1 Tactical resource planning.....	42
5.6.2 Resources for tactical planning	42
5.6.3 Vehicle service	43
5.7 Vehicle journey assignments.....	48
5.7.1 Train component label assignment – Conceptual model	48
5.7.2 Stopping position assignment.....	49
5.7.3 Deck plan assignment	50
5.7.4 Deck entrance assignment	52
5.7.5 Vehicle recharging plan.....	53
5.8 Explicit frames	55
5.8.1 Timetable frame.....	55
5.8.2 Vehicle schedule frame.....	55
Annex A (normative) Data Dictionary	57
A.1 Introduction.....	57

A.2	Data Dictionary – Timing information and vehicle scheduling	57
Annex B (informative)	Data Model Evolutions.....	85
B.1	Introduction	85
B.2	Diagrams with additional concepts and relationships with other Parts.....	85
B.3	Diagrams with additional relationships	86
Annex C (informative)	Significant technical changes between this document and the previous edition	88
Bibliography		89