

Part 10

CODES FOR THE TECHNICAL CHARACTERISTICS OF HAULED PASSENGER STOCK (DIGITS 5-6)

	6 th digit 5 th digit	0	1	2	3	4
Reserved	0	Reserved	Reserved	Reserved	Reserved	Reserved
Vehicles with 1 st class seats	1	10 side-corridor compartments or equivalent open-saloon space with centre aisle	≥ 11 side-corridor compartments or equivalent open-saloon space with centre aisle	Reserved	Reserved	Two or three axles
Vehicles with 2 nd class seats	2	10 side-corridor compartments or equivalent open-saloon space with centre aisle	11 side-corridor compartments or equivalent open-saloon space with centre aisle	≥ 12 side-corridor compartments or equivalent open-saloon space with centre aisle	Three axles	Two axles
Vehicles with 1st or 1 st /2 nd class seats	3	10 side-corridor compartments or equivalent open-saloon space with centre aisle	11 side-corridor compartments or equivalent open-saloon space with centre aisle	≥ 12 side-corridor compartments or equivalent open-saloon space with centre aisle	Reserved	Two or three axles
1 st or 1 st /2 nd class couchette cars	4	10 1 st /2 nd class compartments	Reserved	Reserved	Reserved	≤ 9 1 st /2 nd class compartments
2 nd class couchette cars	5	10 compartments	11 compartments	≥ 12 compartments	Reserved	Reserved
Reserved	6	Reserved	Reserved	Reserved	Reserved	Reserved
Sleeping cars	7	10 compartments	11 compartments	12 compartments	< 10 2 nd class compartments	< 10 1 st class compartments
Vehicles of special design and vans	8	Driving trailer with seats, all classes, with or without luggage compartment, with driving cab for reversible working	Vehicles with 1 st or 1 st /2 nd class seats with luggage or mail compartment	Vehicles with 2 nd class seats with luggage or mail compartment	Reserved	Vehicles with seats, all classes with specially-fitted areas, e.g. children's play area
	9	Mail vans	Luggage vans with mail compartment	Luggage vans	Luggage vans and two or three-axle 2nd class vehicles with seats, with luggage or mail compartment	Side-corridor luggage vans, with or without compartment under customs seal



Note: Fractions of a compartment are not considered. The equivalent accommodation in open saloon cars with centre aisle is obtained by dividing the number of available seats by 6, 8 or 10 depending on the construction of the vehicle.

CODES FOR THE TECHNICAL CHARACTERISTICS OF HAULED PASSENGER STOCK (DIGITS 5-6)

	6 th digit 5 th digit	5	6	7	8	9
Reserved	0	Reserved	Reserved	Reserved	Reserved	Reserved
Vehicles with 1 st class seats	1	Reserved	Double-deck coaches	≥ 7 side-corridor compartments or equivalent open-saloon space with centre aisle	8 side-corridor compartments or equivalent open-saloon space with centre aisle	9 side-corridor compartments or equivalent open-saloon space with centre aisle
Vehicles with 2 nd class seats	2	Only for OSJD, double-deck coaches	Double-deck coaches	Reserved	≥ 8 side-corridor compartments or equivalent open-saloon space with centre aisle	9 side-corridor compartments or equivalent open-saloon space with centre aisle
Vehicles with 1 st or 1 st /2 nd class seats	3	Reserved	Double-deck coaches	Reserved	≥ 8 side-corridor compartments or equivalent open-saloon space with centre aisle	9 side-corridor compartments or equivalent open-saloon space with centre aisle
1 st or 1 st /2 nd class couchette cars	4	Reserved	Reserved	Reserved	Reserved	≤ 9 1 st class compartments
2 nd class couchette cars	5	Reserved	Reserved	Reserved	Reserved	≤ 9 compartments
Reserved	6	Reserved	Reserved	Reserved	Reserved	Reserved
Sleeping cars	7	> 12 compartments	< 10 compartments	Reserved	Reserved	Reserved
Vehicles of special design and vans	8	Coaches with seats and couchette cars, all classes, with bar or buffet area	Double-deck driving coach with seats, all classes, with or without luggage compartment, with driving cab for reversible working	Dining cars or coaches with bar or buffet area, with luggage compartment	Dining cars	Other special coaches (conference, disco, bar, cinema, video, ambulance coaches)
	9	Two or three-axle luggage vans with mail compartment	Other vans	Two or three-axle car-carrying wagons	Car-carrying wagons	Service vehicles

Note: Fractions of a compartment are not considered. The equivalent accommodation in open saloon cars with centre aisle is obtained by dividing the number of available seats by 6, 8 or 10 depending on the construction of the vehicle.

Codes for the general characteristics of hauled passenger stock (digits 7-8)

Energy supply	8th digit	0	1	2	3	4	5	6	7	8	9
Maximum speed	7th digit										
< 120 km/h	0	All tensions *	Reserved	3000 V~ + 3000 V=	1000 V~ *	Reserved	1500 V~	Other tensions than 1000 V, 1500 V, 3000 V	1500 V~ + 1500 V=	3000 V=	Reserved
	1	All tensions * + Steam ¹	1000 V~ + Steam ¹	1000 V~ + Steam ¹	1000 V~ + Steam ¹	1000 V~ + Steam ¹	1000 V~ + Steam ¹	Reserved	1500 V~ + 1500 V= + Steam ¹	3000 V= + Steam ¹	3000 V= + Steam ¹
	2	Steam ¹	Steam ¹	3000 V~ + 3000 V= + Steam ¹	Steam ¹	3000 V~ + 3000 V= + Steam ¹	Steam ¹	3000 V~ + 3000 V= + Steam ¹	1500 V~ + Steam ¹	1500 V~ + Steam ¹	A ¹
121 to 140 km/h	3	All tensions	Reserved	1000 V~ + 3000 V=	1000 V~ * ¹	1000 V~ * ¹	1000 V~	1000 V~ + 1500 V~ + 1500 V=	1500 V~ + 1500 V=	3000 V=	3000 V=
	4	All tensions * + Steam ¹	All tensions + Steam ¹	All tensions + Steam ¹	1000 V~ * ¹ + Steam ¹	1500 V~ + 1500 V=	1000 V~ + Steam ¹	3000 V~ + 3000 V=	1500 V~ + 1500 V= + Steam ¹	3000 V= + Steam ¹	Reserved
	5	All tensions * + Steam ¹	All tensions + Steam ¹	All tensions + Steam ¹	1000 V~ + Steam ¹	Reserved	1500 V~ + Steam ¹	Other tensions than 1000 V, 1500 V, 3000 V	1500 V~ + 1500 V= + Steam ¹	Reserved	Reserved
	6	Steam ¹	Reserved	3000 V~ + 3000 V=	Reserved	3000 V~ + 3000 V=	Reserved	Steam ¹	Reserved	Reserved	A ¹
141 to 160 km/h	7	All tensions *	All tensions	1500 V~ ¹ + 3000 V= ¹ All tensions ²	1000 V~ *	1500 V~ + 1500 V=	1000 V~	1500 V~	1500 V~ + 1500 V=	3000 V=	3000 V=
	8	All tensions * + Steam ¹	All tensions + Steam ¹	3000 V~ + 3000 V=	Reserved	All tensions * + Steam ¹	1000 V~ + Steam ¹	3000 V~ + 3000 V=	Other tensions than 1000 V, 1500 V, 3000 V	All tensions * + Steam ¹	A ¹ G ²
> 160 km/h	9	All tensions * ²	All tensions	All tensions + Steam ¹	1000 V~ + 1500 V~	1000 V~	1000 V~	Reserved	1500 V~ + 1500 V=	3000 V=	A ¹ , A ² , G ²

Notes:

1 Only for domestic traffic vehicles

2 Only for vehicles able to international traffic

All tensions Single phase alternating current 1000 V 51 to 15 Hz, single phase alternating current 1500 V 50 Hz, direct current 1500 V, direct current 3000 V. Can include single phase alternating current 3000 V 50 Hz

* For certain vehicles with 1000V single phase alternating current, only one frequency, either 16 2/3 or 50 Hz, is permitted

A Autonomous heating, without train bus electricity supply line

G Vehicles with train bus electricity supply line for all voltages, but requiring a generator van to supply air-conditioning

Steam Steam heating only. If tensions are written, the code is also available for vehicles without steam heating.