German Tram Signs

Sources

- <u>SWB_KG_Strassenbahn.pdf (sw-beutha.de)</u>
- Tram signals in Germany (second.wiki)
- Gängige Schilder und Signale nach BoStrab LOTUS-Simulator
- https://www.iamexpat.de/expat-info/driving-germany/road-signs

Class Symbols

Illustration	ID	Label
	Trains	trains
frei	Trains permitted	trains_permitted
	Streetrail or trams	trams
frei	Trams permitted	trams_permitted

Speed Signs

Illustration	ID	Explanation	Dim. in mm	Label
3	G 1 a	Speed limit announcement - (If space is limited, the triangle tip points upward)	SL 420	speed_limit_announ cement
3	G 2 a	Beginning of the speed limit	400 x 300	speed_limit_start
E	G 3	End of the speed limit	400 x 300	speed_limit_end
5	G 4	Beginning of the speed limit - Change of the permissible speed upwards (replaces G 3 together with G 2a)	400 x 300	
3	G 5	Hanover tram, slow speed point - A triangular yellow plaque on one side with a white border and black numbers. The Zugspitze may pass signal G 5 at the specified maximum speed.		slow_speed_point

Protection Signs

Illustration	ID	Explanation	Dim.	Label
	Sh 1	Forced stop - Stop here in any case when driving on sight	300 x 300 400 x 400	forced_stop
	Sh 2	Protective stop - No further travel is permitted	300 x 400	protective_stop
	Sh 4	Ring - Give acoustic warning signals	400 x 300	ring
	Sh 6	Boundary sign - Limit up to which the track may be occupied when the tracks converge	Ø 90mm 210m m high	boundary_sign

Protection Signs

Illustration	ID	Explanation	Dim. in mm	Label
	Sh 7	Stop board - Place where the head of the train should stop	400 x 300	stop_board

Switching Signs

Illustration	ID	Explanation	Dim. in mm	Label
S	St 1	Signal contact	300 x 300 400 x 400	signal_contact
W	St 2	Switch contact	300 x 300 400 x 400	switch_contact
	St 3	Turn off - From the signal St 3 on, the traction current must be switched off	300 x 300 400 x 400	turn_off

Switching Signs

Illustration	ID	Explanation	Dim. in mm	Label
	St 4	Switching on allowed - The traction current may be switched on from the signal St 4 onwards	300 x 300 400 x 400	switch_on_allowed
	St 5	Remove pantograph - The current collector must be removed from the signal St 5 onwards	300 x 300 400 x 400	remove_pantograph
	St 6	Put on pantograph - From the signal St 6 onwards, the pantograph may be applied again	300 x 300 400 x 400	put_on_pantograph
T	St 7	Line separator - The traction current must be switched off briefly	300 x 300 400 x 400	line_separator
	St 8	Stop for vehicles with pantograph applied - Vehicles with pantographs are not permitted to travel beyond Signal St 8	300 x 300 400 x 400	stop_pantograph

Turnout Signs

Illustration	ID	Explanation	Dim. in mm	Label
▽	W 14	Switches must not be opened	300 x 300 400 x 400	switches_closed
	W1	Switch stands for straight travel with a maximum of 15km h		switches_straigth_1 5
	W2	Switch stands for travel to the right with a maximum of 15km/h		switches_right_15
	W3	Turnout stands for travel to the left with a maximum of 15km/h		switches_left_15
	W11	Switch stands for driving straight ahead at the permitted speed		switches_straigth
	W12	Switch stands for travel to the right at the permitted speed		switches_right

Turnout Signs

Illustration	Abbreviation	Explanation	Dimensions in mm
	W13	Switch stands for travel to the left at the permitted speed	switches_left

Monitoring Signs for Level Crossings

Illustration	ID	Explanation	Dim. in mm	Label
	Bü 0/1	Signal does not light up - Stop in front of the level crossing - continue depending on the traffic situation	1300 x 100	signal_light_off
	Bü 2	Level crossing announcement - Expect monitoring signal	1200 x 200	level_crossing_anno uncement
Make a Millianus	Railway crossing (St Andrew's cross)	You must stop if a train is approaching		railway_crossing

Monitoring Signs for Level Crossings

Illustration	ID	Explanation	Dim. in mm	Label
5	Electrified railway crossing	Tall vehicles beware. This railway crossing has electrical wires overhead	1350 x 180	electrified_railway _crossing
	Railway crossing ahead	You may not overtake between this sign and the crossing		railway_crossing_ ahead
	Railway crossing ~240 metres ahead			railway_crossing_ 240
	Railway crossing ~160 metres ahead			railway_crossing_ 160
	Railway crossing ~80 metres ahead			railway_crossing_ 80

Special Signs

Illustration	ID	Explanation	Dim.	Label
•	So 1	Beginning of a route with train protection	300 x 300 400 x 400	train_protection_st art
•	So 2	End of a route with train protection	300 x 300 400 x 400	train_protection_e nd
	So 3	Location identifier - Indicates the location of a main signal	1500 x 100	location_identifier
	So 4	Order sign - Drive past the stop signal on special instruction	1500 x 100	order_sign
	So 5	Ban on encounters - beginning - You may only continue to drive if the opposite track is free (So 5 can also use an additional signal to indicate the route to which the sign applies)	300 x 300 400 x 400	ban_encounters_s tart

Special Signs

Illustration	ID	Explanation	Dim. in mm	Label
	So 6	Ban on encounters - end	300 x 300 400 x 400	ban_encounters_e nd

Other Signs

Illustration	ID	Explanation	Dim. in mm	Label
	WF 1 WF 2	Signal flag (white - red - white)	500 x 500 750 x 750	signal_flag

Old Signs

Illustration	ID	Explanation	Dim. in mm	Label
	alt St 23	Another train must be given right of way		
	alt St 24	Right of way over another train		
H	alt St 29	Bus stop		bus_stop
HH	alt St 29a	Double stop		
	alt St 36	Point at which the encounter with a counter train is allowed		

German Road Signs - Railway Related

Relevant Road Signs

Illustration	Abbreviation	Explanation	Dimensions in mm
	Pedestrian crossing	Warning sign	
	Pedestrian crossing	Crossing ahead where pedestrians have right of way	
	To the left		road_arrow_left
\longrightarrow	To the right		road_arrow_rigth
	Road equipment		road_equipment