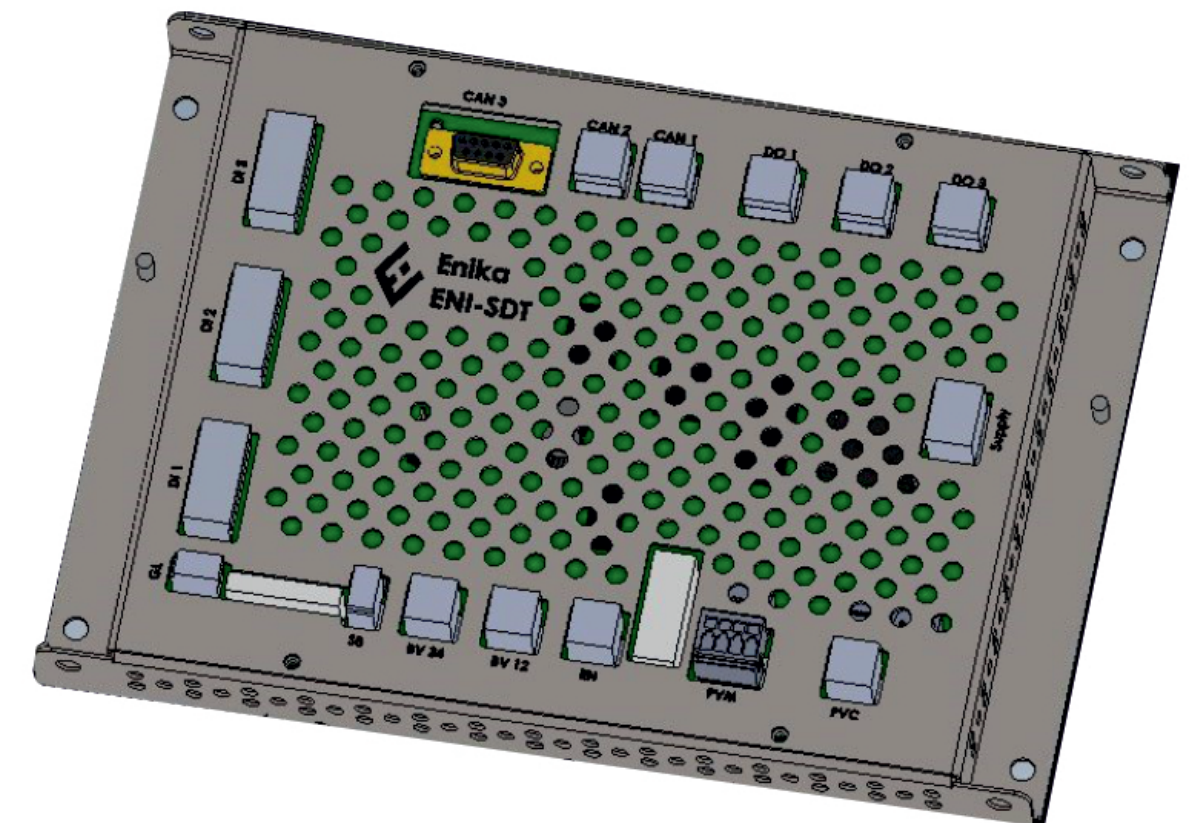


## APPLICATION

The ENI-SDT controller is intended to control the doors in the tram. A single controller allows you to control the motor and clutch, which corresponds to one set of doors. The ENI-SDT controller is a universal device designed to control the tram doors. It works with the tram control system via the CAN bus and wired signals. The functions performed by the controller depend on the project in which it was installed and the master signals from the main controller of the vehicle.



**SPECIFICATION**

TYPE	ENI-SDT	
Nominal supply voltage	$V_{CC\ norm}$	24 V <sub>DC</sub>
Operating supply voltage variation	$V_{CC}$	16 ÷ 30 V <sub>DC</sub>
Digital inputs	Low threshold, "0"	≤10 V
	High threshold, "1"	≥14 V
	Transient state	10,1 ÷ 13,9 V
	Voltage variation range	0 ÷ 30 V
Digital outputs	$V_{D\ OUT}$	0 / 24 V
	$I_{D\ OUT\ MAX}$	0,7 A
Digital outputs	$V_{BV\ OUT}$	0 / 24 V
	$I_{BV\ OUT\ MAX}$	2 A (60 s) / 1,5 A
Motor output (PVMotor)	$V_{PVM\ OUT}$	0 ÷ 24 V
	$I_{PVM\ OUT\ max}$	9 A
Clutch output (PVClutch)	$V_{PVC\ OUT}$	0 ÷ 24 V
	$I_{PVC\ OUT\ max}$	1 A
Encoder supply voltage	$V_{ZAS\ ENK}$	12 / 15 / 24 V
Communication	CAN	2.0
Rated operating temperature (ambient)	-35°C ÷ 40°C	
Cooling	Neutral	
Protection rating	IP20	
Size (L x W x H)	245 x 170 x 25,5 mm	
Weight	1,5 kg	