



Tram



Metro



FINSLIDE

SLIDING PLUG DOOR SYSTEMS

Modern and passenger safe

Tamware electric sliding plug doors have reached a remarkable popularity level as door systems to public transportation vehicles. As a result of many years of investments in R&D, the door systems now fulfil the highest requirement levels for rail markets, generating products for trams and metros.

Safety is the key starting point for R&D in Tamware, together with Tamware's own intelligent door controller, the complete door system creates a combination in which safety features are state of the art. In addition to an electric safety edge, every door system contains multiple features which guarantee the highest safety levels for passengers.

Our sliding plug doors have gone through extensive field testing in cooperation with many vehicle manufacturers

and traffic operators, which has ensured high operational reliability for these products.

The sliding plug type door system is available in both single (1L) and double leaf (2L) versions with the option of pneumatic or electric drive mechanisms. In addition to this, there is the option with the electric mechanism versions to select from either a timing belt operated or a screw-driven operated mechanisms.

These ingenious options combined with our remote diagnostics capabilities create an unbeatable combination, which guarantees easy, trustworthy and safe travelling for the user.

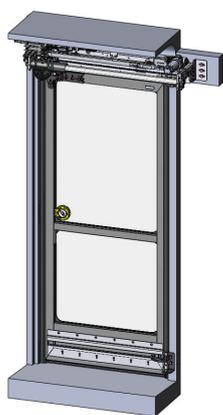


TAMWARE PRODUCT GROUPS



 **FINSLIDE E-1L**

Application:
Tram
Recommended max. speed
90 km/h
Actuator:
Electric



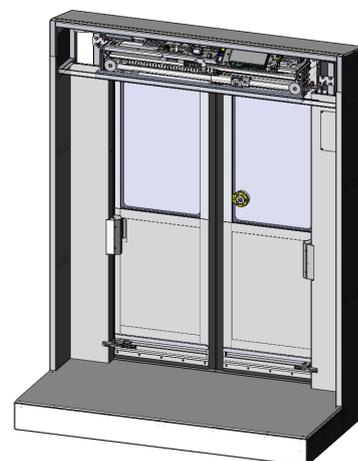
 **FINSLIDE E-2L-S**

Application:
Tram & Metro
Recommended max. speed
90 km/h
Actuator:
Electric



 **FINSLIDE E-2L-S**

Application:
Tram & Metro
Recommended max. speed
90/120 km/h
Actuator:
Electric



SAMPLE APPLICATIONS

PRODUCT INFORMATION

		Location of mechanism	Actuator options	Power supply	Operating temperature options	Opening / closing time	Safety options
Finslide E-1L-L/R		Above the doorway	Electric - Screw drive Electric - Timing belt drive	+24 - 110 VDC	-25 - +80 °C -40 - +70 °C	3-6 sec.	Safety edge Power control Photo cell Position detection
Finslide E-2L-S		Above the doorway	Electric - Timing belt drive	+24 - 110 VDC	-25 - +80 °C -40 - +70 °C	3-5 sec.	Safety edge Power control Photo cell Position detection
Finslide E-2L-S		Inside the doorway	Electric - Screw drive Electric - Timing belt drive	+24 - 110 VDC	-25 - +80 °C -40 - +70 °C	3-5 sec.	Safety edge Power control Photo cell Position detection Additional side locks for 160km/h

All products are designed according to EN Regulations (EN14752, EN50155, EN45545).



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