Collector trolleys:

Adaptions for special applications

Apart from the numerous models of the standard collector trolleys, a vast array of special models are possible and available.
The collector trolleys of the CL7 series can easily be adapted to **exceptional** circumstances such as installations with **very high traverse speeds**, **transfer guides**, **curves**, **expansion gaps** etc.
In many cases, the available pre-mounted wheel sets make the right adaption. The dove-tail construction makes it very easy to install or exchange the wheel sets and create the trolley that fits the specific needs. You can of course also order trolleys with the adaptions you need. In the table below, an overview of the possibilities is listed, together with the respective suffix. Please refer to these suffixes when ordering.
For unlisted models, please contact your supplier of AKAPP-STEMMANN.

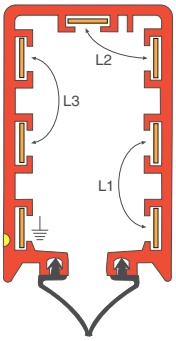
Current collector trolleys series S(L)7 and CLHS7 are available for installations with **curves** or **housing type HS, extra protection**.

Current collecting capacity doubles when parrallel connecting copper conductors.

A Multiconductor with 7 copper conductors offers the opportunity to double the current capacity when 3 phase ~, by application of 2 conductors per phase in parallel. The 7th conductor is utilised for the earth supply. The extra capacity is also reflected with regard to the selection of suitable collector trolleys.

Selection chart of 7-pole trolleys and transition boxes for installations with copper conductors in parallel for 3 phase+earth feed.

A max.	type collector trolley	number of poles	type trans. box
70	CL7-7-35	7	TTB70-4
140	CL7-7-70	7	TTB140-4-2
200	CL7-7-100	7	OG200-5
280	CL7-7-70 2 pcs	7	OG200-5



RN7-7-160/parallel

Collector trolleys for special applications

There is a number of possibilities to adapt the standard current collector series CL7. Wheel sets are available that can be mounted or exchanged easily by means of dove-tail connections (see photo).

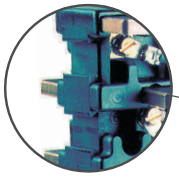
In the table below a number of special performances is listed with its respective suffix.

Performance	Type
Expansion (KEV's)	CL7-..-../E
Top wheels	CL7-..-../T
Side and top wheels	CL7-..-../TZ
Dust proof wheels	CL7-..-../S
High travel speeds *	CL7-..-../S
For galvanising plants	CL7-..-../V

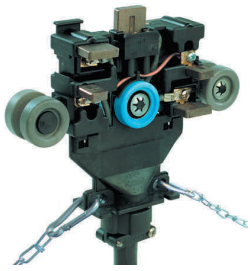
** from 100 m/min.*

Performance	Type
Low temperatures *	CL7-..-../LT
90 degree gland	CL7-..-../HWK
Silver graphite brushes	CL7-..-../AG
Special cable length	CL7-..-/..M
Transfer guide small (ITKN)	CLTK7-..-..
Transfer guide large (ITN)	CLTG7-..-..

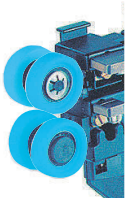
** up to -30 °C*



Dove-tail connections



Extra wheel (../E)



Top wheels (beared ../T/S, or not beared ../T)



Double top wheels with side wheels (../TZ)

Collector trolleys for Multiconductor RNHS7

Type NLHS7-..-..

For Multiconductor type RNHS7 special trolleys with an elongated lower moulding are utilized. Newer CLHS7 now available.



NLHS7-7-35 (for RNHS7)

Collector trolleys for curves

Type S7-..-35

For installations with curves of a radius < 800 mm , special flexible current collectors are required. See also page 18. More information via your AKAPP-STEMMANN supplier.



S7-4-35 (for BRN7)