



## NEPLAN Cable Sizing Element Summary Report (Default)

Name	Parallel systems	Cross-section mm <sup>2</sup>	Maximum length	V_drop for Loadflow %	V_min for Loadflow %
K-EN-HV T	1	25	86	1.06	98.58
K-EN-U2	1	16	85	2.02	96.56
K-NN-HV T	1	6	37	1.73	98.15
K-EN-U1	1	6	63	2.25	96.33
K-NN-U2	1	3	54	2.1	96.04
K-NN-U1	1	4	34	1.62	96.52

V_drop (Loadflow)?	V_drop for Motor-start %	V_min for Motor-start %	V_drop (Motor-start)?	Reduction factor
1	3.4	93.98	1	1.3
1	5.36	88.62	1	1.3
1	1.73	97.97	1	1.3
1	5.23	88.74	1	1.3
1	2.11	95.86	1	1.3
1	1.63	96.35	1	1.3

Effective cable ampacity A	Service Current A	Protection setting A	Overload Protection?	Permissible Toff for min Ik"
166.4	105.0726	125	1	1
127.4	69.2762	80	1	1
72.8	52.9661	63	1	1
72.8	35.8002	40	1	1
44.2	16.6981	20	1	1
57.2	37.3837	50	1	1

Toff for min Ik"	Protection from min Ik"?	Permissible Toff for max Ik"	Toff for max Ik"	Current limiting active?
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<b>s</b>			<b>s</b>	
0.0503	1	0.009	0	False
1.1211	0	0.051	0.0002	False
0.1159	1	0.001	0	False
0.4613	1	0.006	0	False
0.3473	1	0.013	0	False
1.0422	0	0.024	0.0004	False

<b>Let-through Energy A²s</b>	<b>Cable energy A²s</b>	<b>Protection from max Ik"?</b>	<b>OK/Not OK/Warning?</b>	<b>Library Type</b>
0	9331497.56	1	OK	-
0	3822181.4	1	Not OK	-
0	537494.26	1	OK	-
0	537494.26	1	OK	-
0	134373.56	1	OK	-
0	238886.34	1	Not OK	-

<b>Calculation Time</b>
29-10-25 9:52:06 AM
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29-10-25 9:52:06 AM
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