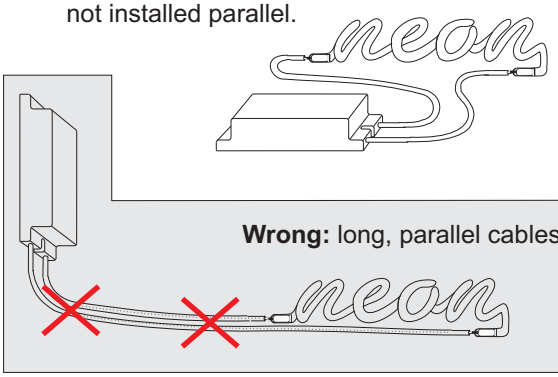
Installation advice for EVGs, part 2

hansen

No long, parallel high-voltage cables

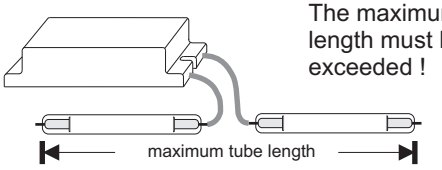
Correct:
Use short high-voltage cables which are not installed parallel.



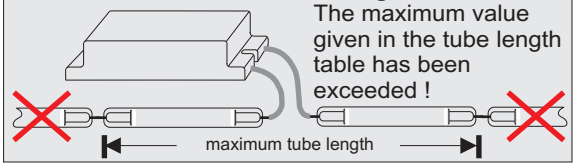
Wrong: long, parallel cables

Observe maximum connectable tube length

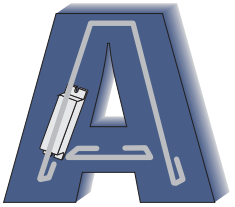
Correct:
The maximum tube length must be not exceeded !



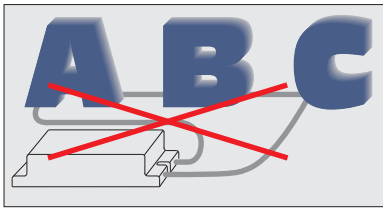
Wrong:
The maximum value given in the tube length table has been exceeded !



Do not connect more than one neon letter



Correct:
Connect only the tubes of one letter to the EVG !

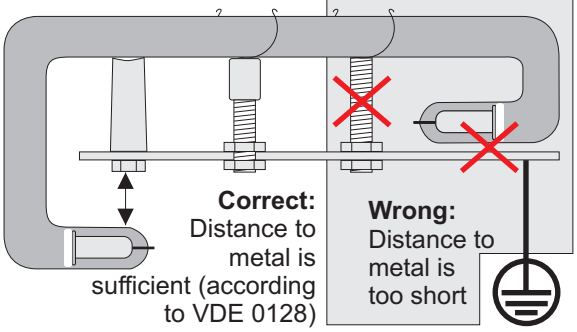


Wrong:
Never combine the tubes of several letters !

Sufficient distance to metal

Correct:
Use insulated tube supports only !

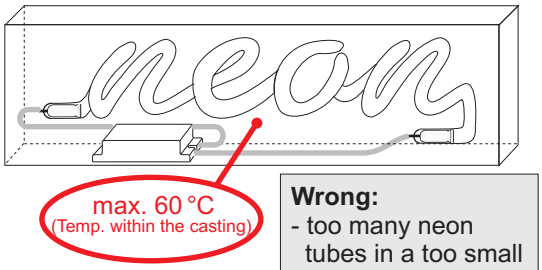
Wrong:
Do not use full metal tube supports !



Correct:
Distance to metal is sufficient (according to VDE 0128)

Wrong:
Distance to metal is too short

Prevent heat accumulation



Correct:
Install the convertor in such a way that no excessive heat can be generated

Wrong:
- too many neon tubes in a too small casing together with the convertor
- external heat sources (e.g. solar radiation)

For 5 kV und 8 kV convertors

Due to the high secondary voltage
and the integrated
open circuit protection,
the 5 kV and 8 kV convertors are
not suitable for outdoor installations !

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