


















# AUTOMATIC FUSES

Loading of automatic fuses. Supply current differing from the nominal current value of the luminaire make correct dimensioning of the fuses protecting the circuit necessary. In the following a guideline to the maximum number of light sources that can be switched via a one pole automatic fuse. If multiple pole fuses are used, this figure is reduced by 20%. The data can differ according to manufacturer. The basis for the data is always the technical data sheet of the electronic control gears used in the luminaires.

## Neon lamps/compact neon lamps

lamp type control gear type	switch off characteristic protection value (Ampere) ECG 1 or 2 lamps	B 10 1 lamps	B 10 2 lamps	B 16 1 lamps	B 16 2 lamps
	power W/VA	number of lamps			
 T5	14 W	25	17	41	28
	24 W	25	17	41	28
	21 W	25	17	41	28
 FH/FQ	28 W	17	8	28	13
	35 W	17	8	28	13
	39 W	25	8	41	13
	49 W	17	8	28	13
	54 W	17	8	28	13
	80 W	17	8	28	14
 T5/FC	22 W	25	17	41	28
	40 W	23	17	32	23
	55 W	17	8	28	13
 TC-L	18 W	14	8	22	13
	24 W	18	11	33	16
	36 W	16	11	31	16
	40 W	17	11	31	16
	55 W	11	–	15	–
	80 W	17	–	28	–
 TC-DE	13 W	25	17	43	31
	18 W	19	17	35	31
	26 W	17	13	31	21
 TC-TE	32 W	13	11	21	15
	42 W	13	11	21	15
	57 W	11	–	16	–
Elektronische NV- Trafos	70 VA	37	–	59	–
	105 VA	23	–	38	–
	150 VA	16	–	26	–
LED Trafos	20 VA / 24 V	7	–	11	–
	50 VA / 10 V	7	–	12	–
	75 VA / 24 V	7	–	11	–

## Discharge lamps

lamps type	switch off characteristic protection value (Ampere) ECG 1 or 2 lamps	B 10 1 lampig	B 10 2 lampig	B 16 1 lampig	B 16 2 lampig
	power W/VA	number of luminaires			
 HCL-T	20 W	15	–	25	–
 HCL-TC	22 W	15	–	25	–
 HCL-TS	35 W	15	7	26	13
 HCL-TF	70 W	7	4	13	7
 CDM-T	150 W	6	–	7	–
 CDM-TC					
 CDM-TD					
 CDM-TM					
 SDW-T	50 W	9	–	18	–
	100 W	5	–	10	–
 SDW-TG	50 W	9	–	18	–
	100 W	5	–	10	–
 HQL-E (KVG)	250 W	3	–	5	–
	400 W	2	–	3	–