

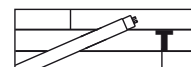
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### ELXc – Warm start for T8 lamps – Casing: K9, M8 and M9



DC voltage  
for operation: 176–264 V  
for ignition: 198–264 V  
(ELXc 270.206: DC voltage cannot be reduced to 176 V)

Push-in terminals: 0.5–1 mm<sup>2</sup>  
For the automatic luminaire wiring:  
IDC terminals for leads H05V-U 0.5  
EOL shut down



Lamp				Electronic ballast							System	
Output W	Type	Base	Power consumption W	Type	Ref. No.	Voltage AC 50, 60 Hz V±10 %	EE*	Ambient temperature t <sub>a</sub> (°C)	Casing temperature t <sub>c</sub> (°C)	Casing	Output W	Luminous factor %
18	T8	G13	1 x 16.0	ELXc 136.200	<b>188314</b>	220–240	A2	-20 to 55	max. 70	K9	19.5	106.0
2x18	T8	G13	2 x 16.0	ELXc 236.202	<b>188316</b>	220–240	A2	-20 to 55	max. 70	K9	38.0	104.3
3x18	T8	G13	3 x 16.0	ELXc 418.204	<b>188744</b>	220–240	A2	-15 to 55	max. 70	M8	56.0	100.8
4x18	T8	G13	4 x 16.0	ELXc 418.204	<b>188744</b>	220–240	A2	-15 to 55	max. 70	M8	71.5	98.9
36	T8	G13	1 x 32.0	ELXc 136.200	<b>188314</b>	220–240	A2	-20 to 55	max. 70	K9	34.5	96.5
2x36	T8	G13	2 x 32.0	ELXc 236.202	<b>188316</b>	220–240	A2	-20 to 55	max. 70	K9	72.0	98.3
3x36	T8	G13	3 x 32.0	ELXc 336.214	<b>188595</b>	220–240	A2	-15 to 50	max. 65	M8	105.0	99.4
58	T8	G13	1 x 50.0	ELXc 158.201	<b>188315</b>	220–240	A2	-20 to 55	max. 70	K9	55.0	100.9
2x58	T8	G13	2 x 50.0	ELXc 258.203	<b>188317</b>	220–240	A2	-20 to 50	max. 75	K9	107.0	101.0
70	T8	G13	1 x 60.0	ELXc 170.205	<b>188319</b>	220–240	A2	-20 to 55	max. 70	M9	67.8	104.3
2x70	T8	G13	2 x 60.0	ELXc 270.206	<b>188320</b>	220–240	A2	-20 to 50	max. 65	M9	131.0	104.3

Circuit diagrams see pages 267–270 \* Energy efficiency: Step 2: EEI=A3, minimum EU energy efficiency requirements as of 2012 | Step 3: A2, minimum EU energy efficiency requirements as of 2017

### ELXc EffectLine – Warm start for T8 lamps – Casing: M8

Push-in terminals: 0.5–1 mm<sup>2</sup>  
For the automatic luminaire wiring:  
IDC terminals for leads H05V-U 0.5  
EOL shut down

Lamp				Electronic ballast							System	
Output W	Type	Base	Power consumption W	Type	Ref. No.	Voltage AC 50, 60 Hz V±10 %	EE*	Ambient temperature t <sub>a</sub> (°C)	Casing temperature t <sub>c</sub> (°C)	Casing	Output W	Luminous factor %
18	T8	G13	1 x 16.0	ELXc 136.207	<b>188708</b>	220–240	A2	-20 to 55	max. 60	M8	18.4	105.0
2x18	T8	G13	2 x 16.0	ELXc 236.208	<b>188709</b>	220–240	A2	-20 to 50	max. 60	M8	35.2	106.0
36	T8	G13	1 x 32.0	ELXc 136.207	<b>188708</b>	220–240	A2	-20 to 55	max. 60	M8	35.4	97.0
2x36	T8	G13	2 x 32.0	ELXc 236.208	<b>188709</b>	220–240	A2	-20 to 50	max. 60	M8	69.7	98.0
58	T8	G13	1 x 50.0	ELXc 158.209	<b>188710</b>	220–240	A2	-20 to 50	max. 60	M8	52.6	106.0
2x58	T8	G13	2 x 50.0	ELXc 258.210	<b>188711</b>	220–240	A2	-20 to 50	max. 65	M8	109.9	105.0

Circuit diagrams see pages 267–270 \* Energy efficiency: Step 2: EEI=A3, minimum EU energy efficiency requirements as of 2012 | Step 3: A2, minimum EU energy efficiency requirements as of 2017

### ELXc EffectLine – Warm start for T8 lamps – Casing: M8

Push-in terminals with push-button: 0.5–1.5 mm<sup>2</sup>  
EOL shut down

Lamp				Electronic ballast							System	
Output W	Type	Base	Power consumption W	Type	Ref. No.	Voltage AC 50, 60 Hz V±10 %	EE*	Ambient temperature t <sub>a</sub> (°C)	Casing temperature t <sub>c</sub> (°C)	Casing	Output W	Luminous factor %
18	T8	G13	1 x 16.0	ELXc 136.207	<b>188704</b>	220–240	A2	-20 to 55	max. 60	M8	18.4	105.0
2x18	T8	G13	2 x 16.0	ELXc 236.208	<b>188705</b>	220–240	A2	-20 to 50	max. 60	M8	35.2	106.0
36	T8	G13	1 x 32.0	ELXc 136.207	<b>188704</b>	220–240	A2	-20 to 55	max. 60	M8	35.4	97.0
2x36	T8	G13	2 x 32.0	ELXc 236.208	<b>188705</b>	220–240	A2	-20 to 50	max. 60	M8	69.7	98.0
58	T8	G13	1 x 50.0	ELXc 158.209	<b>188706</b>	220–240	A2	-20 to 50	max. 60	M8	52.6	106.0
2x58	T8	G13	2 x 50.0	ELXc 258.210	<b>188707</b>	220–240	A2	-20 to 50	max. 65	M8	109.9	105.0

Circuit diagrams see pages 267–270 \* Energy efficiency: Step 2: EEI=A3, minimum EU energy efficiency requirements as of 2012 | Step 3: A2, minimum EU energy efficiency requirements as of 2017