

## Electronic Built-in Ballasts for T5 Lamps

### ELXc – Warm Start

Casing: metal

DC voltage

for operation: 176–264 V

for ignition: 198–264 V

(ELXc 235.857, 149.858,

154.864, 180.866, 280.538:

DC voltage cannot be reduced to 176 V)

Push-in terminals: 0.5–1 mm<sup>2</sup>

(M6: push-in terminals with

lever opener: 0.5–1.5 mm<sup>2</sup>)

(M8, M10/M11: for the automatic luminaire

wiring: IDC terminals for leads HO5V-U 0.5)

Power factor: ≥ 0.95

RFI-suppressed

For luminaires of protection class I

Degree of protection: IP20

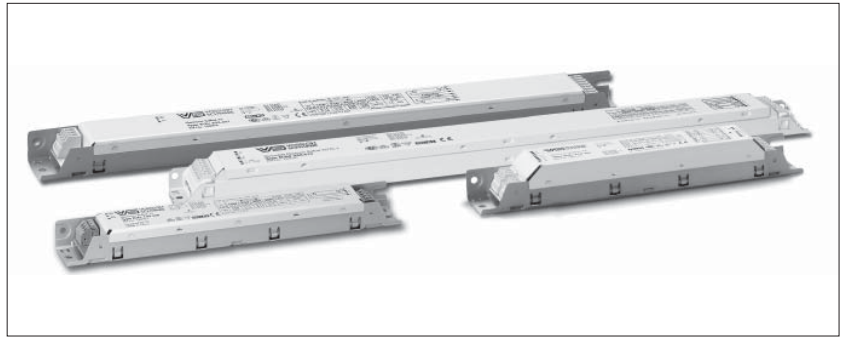
For lighting systems with

high switching frequency (> 5/day)

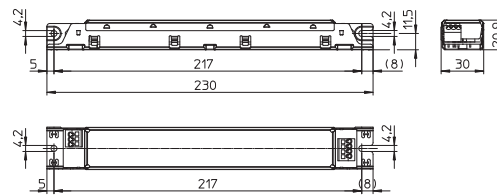
EOL shut down approved

acc. to EN 61347 Test 2 (M7.2: Test 1)

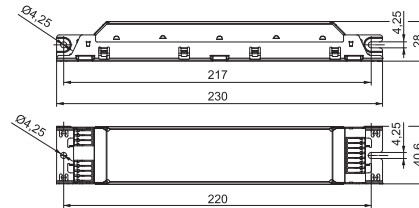
M7.2: suitable for use in luminaires for emergency lighting systems acc. to VDE 0108



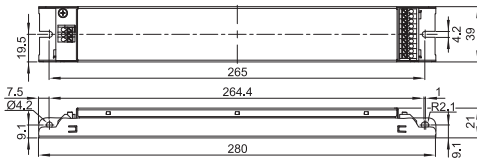
### M6



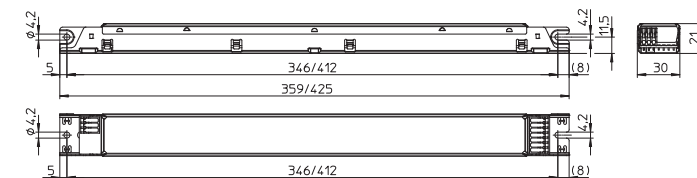
### M8



### M7.2 – EffectLine T5



### M10/M11



Lamp			Electronic ballast							System		Packaging
Output	Type	Base	Type	Ref. No.	Voltage AC 50, 60 Hz V±10%	Energy efficiency	Ambient temperature t <sub>a</sub> (°C)	Casing temperature t <sub>c</sub> (°C)	Casing	Output	Pieces per box/pallet	
W										W		
14/21/28/35	T5	G5	ELXc 135.220	<b>188921</b>	220–240	A2 BAT	–15 to 55	max. 70	M6	17/23.3/29.9/36.5	10/1120	
2x14/21/28/35	T5	G5	ELXc 235.857	<b>188094</b>	220–240	A2 BAT	–15 to 55	max. 70	M10	33.4/50.2/60.6/74.5	10/1120	
3/4x14	T5	G5	ELXc 414.868	<b>188438</b>	220–240	A2 BAT	–15 to 55	max. 70	M8	48/63	10/1200	
24/39	T5	G5	ELXc 140.862	<b>188140</b>	220–240	A2 BAT	–15 to 55	max. 70	M10	27/43	10/1120	
2x24/39	T5	G5	ELXc 240.863	<b>188616</b>	220–240	A2 BAT	–15 to 55	max. 70	M10	51/82	10/1120	
3/4x24	T5	G5	ELXc 424.223	<b>183039</b>	220–240	A2 BAT	–15 to 55	max. 75	M8	78/101.7	10/600	
3x28	T5 HE	G5	ELXc 328.230	<b>183112</b>	220–240	EEL=A2	0 to 50	max. 75	M7.2	94	10/1200	
49	T5	G5	ELXc 149.858	<b>188095</b>	220–240	A2 BAT	–15 to 55	max. 70	M10	54	10/1120	
2x49	T5	G5	ELXc 249.859	<b>188617</b>	220–240	A2 BAT	–15 to 50	max. 70	M10	113	10/1120	
54	T5	G5	ELXc 154.864	<b>188142</b>	220–240	A2 BAT	–15 to 55	max. 65	M10	59	10/1120	
2x54	T5	G5	ELXc 254.865	<b>188618</b>	220–240	A2 BAT	–15 to 50	max. 70	M10	119	10/1120	
80	T5	G5	ELXc 180.866	<b>188144</b>	220–240	A2 BAT	–15 to 55	max. 70	M10	87	10/1120	
2x80	T5	G5	ELXc 280.538	<b>188619</b>	220–240	A2 BAT	–15 to 50	max. 70	M11	175	10/1120	