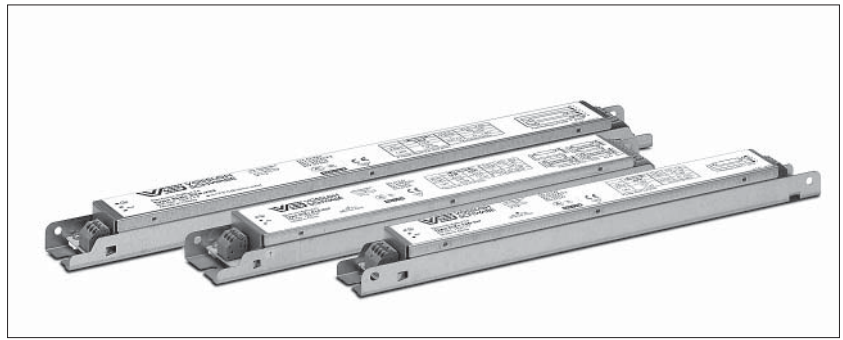
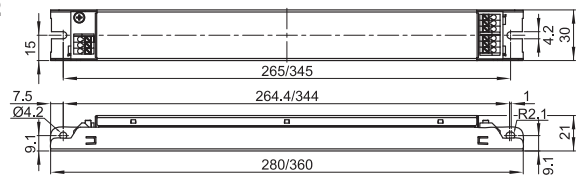


## ELXc – Warm Start New T5 EffectLine

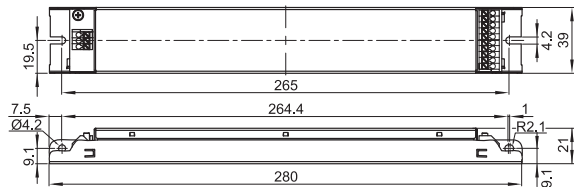
Electronic built-in ballasts  
 Casing: metal  
 Push-in terminals with lever opener: 0.5–1 mm<sup>2</sup>  
 RFI-suppressed  
 For luminaires of protection class I  
 Degree of protection: IP20  
 For lighting systems with  
 high switching frequency (> 5/day)  
 Automatic restart after lamp has been changed  
 Suitable for use in luminaires for emergency  
 lighting systems acc. to VDE 0108  
 EOL shut down approved acc. to EN 61347 Test 1



**M7.1 / M10.2**



**M7.2**



- T5     TC     BUILT-IN     1-10 V
- T8     INDEPENDENT     DALI/PUSH

Lamp				Electronic ballast										System	
Output W	Type	Base	Power consumption W	Type	Ref. No.	Voltage AC 50, 60 Hz V±10 %	Energy efficiency	Power factor	Ambient temperature t <sub>a</sub> (°C)	Casing temperature t <sub>c</sub> (°C)	Casing	L mm	W mm	Output W	Luminous factor %
14	T5 HE	G5	1 x 14.0	ELXc 228.229	<b>183111</b>	220–240	EEI=A2	> 0.90	0 to 50	max. 75	M7.1	280	30	16,5	100
				ELXc 135.231	<b>183113</b>	220–240	EEI=A2	> 0.90	0 to 50	max. 75	M7.1	280	30	16,5	100
2x14	T5 HE	G5	2 x 14.0	ELXc 228.229	<b>183111</b>	220–240	EEI=A2	> 0.92	0 to 50	max. 75	M7.1	280	30	31,0	100
3x14	T5 HE	G5	3 x 14.0	ELXc 414.227	<b>183109</b>	220–240	EEI=A2	> 0.95	0 to 50	max. 75	M7.2	280	39	48,0	100
4x14	T5 HE	G5	4 x 14.0	ELXc 414.227	<b>183109</b>	220–240	EEI=A2	> 0.95	0 to 50	max. 75	M7.2	280	39	63,0	100
21	T5 HE	G5	1 x 21.0	ELXc 228.229	<b>183111</b>	220–240	EEI=A2	> 0.90	0 to 50	max. 75	M7.1	280	30	24,0	100
				ELXc 135.231	<b>183113</b>	220–240	EEI=A2	> 0.92	0 to 50	max. 75	M7.1	280	30	24,0	100
2x21	T5 HE	G5	2 x 21.0	ELXc 228.229	<b>183111</b>	220–240	EEI=A2	> 0.95	0 to 50	max. 75	M7.1	280	30	47,5	100
24	T5 HO	G5	1 x 24.0	ELXc 239.233	<b>183115</b>	220–240	EEI=A2	> 0.90	0 to 50	max. 75	M7.1	280	30	28,0	100
2x24	T5 HO	G5	2 x 24.0	ELXc 239.233	<b>183115</b>	220–240	EEI=A2	> 0.95	0 to 50	max. 75	M7.1	280	30	53,5	100
3x24	T5 HO	G5	3 x 24.0	ELXc 424.228	<b>183110</b>	220–240	EEI=A2	> 0.95	0 to 50	max. 75	M7.2	280	39	76,0	100
4x24	T5 HO	G5	4 x 24.0	ELXc 424.228	<b>183110</b>	220–240	EEI=A2	> 0.95	0 to 50	max. 75	M7.2	280	39	100,0	100
28	T5 HE	G5	1 x 28.0	ELXc 228.229	<b>183111</b>	220–240	EEI=A2	> 0.92	0 to 50	max. 75	M7.1	280	30	31,0	100
				ELXc 135.231	<b>183113</b>	220–240	EEI=A2	> 0.95	0 to 50	max. 75	M7.1	280	30	32,0	100
2x28	T5 HE	G5	2 x 28.0	ELXc 228.229	<b>183111</b>	220–240	EEI=A2	> 0.95	0 to 50	max. 75	M7.1	280	30	61,0	100
				ELXc 328.230	<b>183112</b>	220–240	EEI=A2	> 0.95	0 to 50	max. 75	M7.2	280	39	61,0	100
3x28	T5 HE	G5	3 x 28.0	ELXc 328.230	<b>183112</b>	220–240	EEI=A2	> 0.95	0 to 50	max. 75	M7.2	280	39	94,0	100
35	T5 HE	G5	1 x 35.0	ELXc 135.231	<b>183113</b>	220–240	EEI=A2	> 0.95	0 to 50	max. 75	M7.1	280	30	38,0	100
2x35	T5 HE	G5	2 x 35.0	ELXc 235.232	<b>183114</b>	220–240	EEI=A2	> 0.95	0 to 50	max. 75	M10.2	360	30	74,0	100
39	T5 HO	G5	1 x 39.0	ELXc 239.233	<b>183115</b>	220–240	EEI=A2	> 0.92	0 to 50	max. 75	M7.1	280	30	43,5	100
2x39	T5 HO	G5	2 x 39.0	ELXc 239.233	<b>183115</b>	220–240	EEI=A2	> 0.95	0 to 50	max. 75	M7.1	280	30	83,0	100
49	T5 HO	G5	1 x 49.0	ELXc 149.234	<b>183116</b>	220–240	EEI=A2	> 0.95	0 to 50	max. 75	M7.1	280	30	51,0	100
2x49	T5 HO	G5	2 x 49.0	ELXc 249.235	<b>183117</b>	220–240	EEI=A2	> 0.95	0 to 50	max. 75	M10.2	360	30	108,0	100
54	T5 HO	G5	1 x 54.0	ELXc 254.236	<b>183118</b>	220–240	EEI=A2	> 0.92	0 to 50	max. 75	M7.1	280	30	58,0	100
2x54	T5 HO	G5	2 x 54.0	ELXc 254.236	<b>183118</b>	220–240	EEI=A2	> 0.95	0 to 50	max. 75	M7.1	280	30	113,0	100
80	T5 HO	G5	1 x 80.0	ELXc 180.237	<b>183119</b>	220–240	EEI=A2	> 0.95	0 to 50	max. 75	M7.1	280	30	86,0	100

Preliminary data | Circuit diagrams see pages 228–231