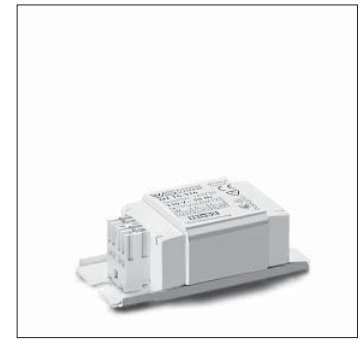
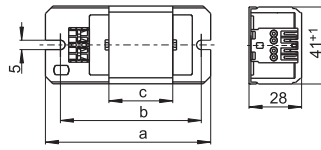


Standard Ballasts 5–16 W, 230/240/220 V

For compact fluorescent lamps
Shape: 28x41 mm

Vacuum-impregnated with polyester resin
Push-in terminal for leads: 0.5–1 mm²
For the automatic luminaire wiring:
IDC terminals for leads H05V-U 0.5
tw 130
Protection class I



Lamp				Ballast										Capacitor	
Output	Type	Base	Current	Type	Ref. No.	Voltage	a	b	c	Weight	$\Delta t/\Delta t_{on}$	Energy efficiency	C _p	Current	
W			mA			V, Hz	mm	mm	mm	kg	K		μF	mA	
230 V, 50 Hz															
5	TC-S	G23	180	L7/9/11.307*	163694	230, 50	85	75	34	0.32	60/85	B2	2.0	50	
2x5	TC-S	G23	180	LN 13.805*	169647	230, 50	85	75	34	0.32	50/85	B1	2.0	70	
				LN 13.313*	163711	230, 50	85	75	34	0.32	55/80	B2	2.0	70	
7	TC-S	G23	175	L7/9/11.307*	163694	230, 50	85	75	34	0.32	60/85	B2	2.0	50	
2x7	TC-S	G23	160	LNN 13.044	564190	230, 50	155	140	92	0.80	25/40	A2	2.0	80	
				LN 13.805*	169647	230, 50	85	75	34	0.32	50/85	B1	2.0	70	
				LN 13.313*	163711	230, 50	85	75	34	0.32	55/80	B2	2.0	70	
9	TC-S	G23	170	LNN 9/11.015	562658	230, 50	155	140	92	0.80	15/40	A2	2.0	60	
				L7/9/11.307*	163694	230, 50	85	75	34	0.32	60/85	B1	2.0	60	
2x9	TC-S	G23	140	LNN 13.044	564190	230, 50	155	140	92	0.80	25/40	A2	2.0	80	
				LN 13.805*	169647	230, 50	85	75	34	0.32	50/85	B1	2.0	70	
				LN 13.313*	163711	230, 50	85	75	34	0.32	55/80	B2	2.0	80	
10	TC-D	G24d-1	190	LN 13.805*	169647	230, 50	85	75	34	0.32	50/85	B1	2.0	70	
				LN 13.313*	163711	230, 50	85	75	34	0.32	55/80	B2	2.0	70	
	TC-DD	GR10q	180	LN 13.805*	169647	230, 50	85	75	34	0.32	50/85	B1	2.0	70	
				LN 13.313*	163711	230, 50	85	75	34	0.32	55/80	B2	2.0	70	
11	TC-S	G23	155	LNN 9/11.015	562658	230, 50	155	140	92	0.80	15/40	A2	2.0	60	
				L7/9/11.307*	163694	230, 50	85	75	34	0.32	60/85	B1	2.0	80	
13	TC-D/TC-T	G24d-1/GX24d-1	175	LNN 13.044	564190	230, 50	155	140	92	0.80	25/40	A2	2.0	80	
				LN 13.805*	169647	230, 50	85	75	34	0.32	50/85	B1	2.0	80	
				LN 13.313*	163711	230, 50	85	75	34	0.32	55/80	B2	2.0	80	
16	TC-DD	GR8/GR10q	195	LN 16.316*	163730	230, 50	85	75	34	0.32	60/125	B1	2.0	100	
240 V, 50 Hz															
5	TC-S	G23	180	L7/9/11.411	164335	240, 50	85	75	34	0.32	60/85	B2	2.0	50	
2x5	TC-S	G23	180	LN 13.413	164342	240, 50	85	75	34	0.32	60/90	B2	2.0	70	
7	TC-S	G23	175	L7/9/11.411	164335	240, 50	85	75	34	0.32	60/85	B2	2.0	50	
2x7	TC-S	G23	160	LN 13.413	164342	240, 50	85	75	34	0.32	60/90	B2	2.0	70	
9	TC-S	G23	170	L7/9/11.411	164335	240, 50	85	75	34	0.32	60/85	B1	2.0	60	
2x9	TC-S	G23	140	LN 13.413	164342	240, 50	85	75	34	0.32	60/90	B2	2.0	80	
10	TC-D	G24d-1	190	LN 13.413	164342	240, 50	85	75	34	0.32	60/90	B2	2.0	70	
				TC-DD	GR10q	180	LN 13.413	164342	240, 50	85	75	34	0.32	60/90	B2
11	TC-S	G23	155	L7/9/11.411	164335	240, 50	85	75	34	0.32	60/85	B1	2.0	80	
13	TC-D/TC-T	G24d-1/GX24d-1	175	LN 13.413	164342	240, 50	85	75	34	0.32	60/90	B1	2.0	80	
16	TC-DD	GR8/GR10q	195	LN 16.417	164358	240, 50	85	75	34	0.32	60/130	B1	2.0	100	

* Ballasts without CE marking for replacements or markets outside of the EU