
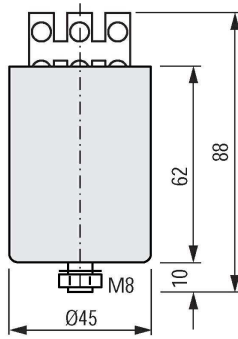
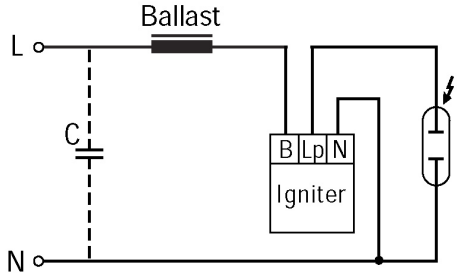





MZN 400 S – TU

Order no.: 10027226

Description	Technical data																																														
<div style="text-align: center;">  <p>Timer-igniters with TriLogic technology</p> </div> <p>Digital circuit concept with integrated Micro-Controller for additional functionalities:</p> <ul style="list-style-type: none"> ➤ Interval-ignition: Reliable ignition of the lamp via optimised sequences of ignition pulses for cold and warm lamps ➤ Cycling-recognition: Lamp monitoring for automatic recognition of lamp blinking operation, e. g. at the end of service life ➤ Automatic switch-off: Switch-off function to prevent further ignition trials when interval-ignition programme is finished, cycling is recognised or lamp is successfully ignited 	<table border="1"> <tr><td>Approved mains voltage</td><td>V</td><td>198...264</td></tr> <tr><td>Approved mains frequency</td><td>Hz</td><td>50 / 60</td></tr> <tr><td>Max. continuous lamp current</td><td>A</td><td>4.6</td></tr> <tr><td>Connecting terminals</td><td>mm²</td><td>4</td></tr> <tr><td>Response / cut-out voltage</td><td>V</td><td>≤ 198 / ≥ 170</td></tr> <tr><td>Ignition voltage</td><td>kV</td><td>3.5...5.0</td></tr> <tr><td>Timer ignition time</td><td>s</td><td>≤ 1170</td></tr> <tr><td>Phase position</td><td>° </td><td>60...90 / 240...270</td></tr> <tr><td>Pulses per cycle</td><td>--</td><td>≥ 6</td></tr> <tr><td>Approved load capacity</td><td>pF</td><td>20...100</td></tr> <tr><td>Internal losses at 25°C ambient temperature</td><td>W</td><td>< 3 (4.6 A) < 2 (3.0 A) < 1 (1.8 A)</td></tr> <tr><td>Rise in temperature at 25°C ambient temperature</td><td>K</td><td>< 30 (4.6 A) < 15 (3.0 A) < 5 (1.8 A)</td></tr> <tr><td>Max. housing temperature t_{c+x}</td><td>°C</td><td>105 + 0</td></tr> <tr><td>Approved ambient temperature t_a</td><td>°C</td><td>- 30...+ 70 (4.6 A) - 30...+ 90 (3.0 A) - 30...+ 95 (1.8 A)</td></tr> <tr><td>Weight</td><td>kg</td><td>0.27</td></tr> </table>		Approved mains voltage	V	198...264	Approved mains frequency	Hz	50 / 60	Max. continuous lamp current	A	4.6	Connecting terminals	mm ²	4	Response / cut-out voltage	V	≤ 198 / ≥ 170	Ignition voltage	kV	3.5...5.0	Timer ignition time	s	≤ 1170	Phase position	°	60...90 / 240...270	Pulses per cycle	--	≥ 6	Approved load capacity	pF	20...100	Internal losses at 25°C ambient temperature	W	< 3 (4.6 A) < 2 (3.0 A) < 1 (1.8 A)	Rise in temperature at 25°C ambient temperature	K	< 30 (4.6 A) < 15 (3.0 A) < 5 (1.8 A)	Max. housing temperature t _{c+x}	°C	105 + 0	Approved ambient temperature t _a	°C	- 30...+ 70 (4.6 A) - 30...+ 90 (3.0 A) - 30...+ 95 (1.8 A)	Weight	kg	0.27
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Lamps	Compliances and markings																																														
<p>HI: HI 70 W HI 100 W HI 150 W HI 250 W HI 400 W</p> <p>HI with ceramic burner: HI-CE 35 W HI-CE 70 W HI-CE 100 W HI-CE 150 W HI-CE 250 W HI-CE 400 W</p> <p>HS: HST-DE 70W Super HS 100 W HS 150 W HS 250 W HS 400 W</p>	<p>Conforms to: EN 61 347-1, EN 61 347-2-1 EN 60 927</p> <div style="text-align: center;">    </div>																																														