

Panel Sounder and Single/Dual Circuit Panel Sounder with LED

Technical						
Housing:	Base Material	Polycarbonate, black				
	Lens	Polycarbonate, red, amber, yellow, green, blue, and clear				
Protection class	IP65/UL Type 4, 4X, 13					
Terminals	Plug-in terminal block, up to 2.5 mm ² (14 AWG), IP2X					
Operation temperature range	-25...+60 °C					
Storage temperature range	-25...+85 °C					
Mounting	Central mounting for bore holes 22 mm or 30.5 mm with Hole Adapter Kit					
Mounting Nut Torque	1.7 Nm (15 lb-in)					
Electrical						
		Sounder			Sounder with Warning Light	
		65 mm	45 mm	30 mm	65 mm	45 mm
Supply voltage range	12V AC/DC - 50/60 Hz	—	—	—	+/-10%	+/-10%
	24V AC/DC - 50/60 Hz	—	—	—	+/-10%	+/-10%
	12...24V AC/DC - 50/60 Hz	8...26V AC/DC	8...26V AC/DC	10...26V AC/DC	—	—
	120V AC - 50/60 Hz	50...140V AC	50...140V AC	80...140V AC	+/-10%	+/-10%
	230/240V AC - 50/60 Hz	150...260V AC	150...260V AC	180...260V AC	+/-10%	+/-10%
Nominal current — single circuit (dual circuit)	12V AC/DC - 50/60 Hz	—	—	—	50 mA (62 mA)	35 mA (48 mA)
	24V AC/DC - 50/60 Hz	57 mA	20 mA	20 mA	73 mA (95 mA)	58 mA (73 mA)
	120V AC - 50/60 Hz	40 mA	40 mA	20 mA	60 mA (52 mA)	40 mA (51 mA)
	230/240V AC - 50/60 Hz	42 mA	42 mA	20 mA	63 mA (52 mA)	42 mA (51 mA)
Turn-On Leakage Current	≥3 mA	≥3 mA	≥3 mA	≥3 mA	≥3 mA	
Maximum sound level (average)	105 dBA at 1 m	100 dBA at 1 m	80 dBA at 1 m	103 dBA at 1 m	98 dBA at 1 m	
Minimum sound level	<85 dB	<85 dB	—	<85 dB	<85 dB	
Sound level adjustment	Stepless	Stepless	—	Stepless	Stepless	
Sound main frequency	3300 Hz	3300 Hz	3500 Hz	3300 Hz	3300 Hz	
Sound types	Continuous	Yes	Yes	Yes	Yes	Yes
	Pulsing*	Yes	Yes	Yes	Yes	Yes
	Alternating frequency*	Yes	No	No	Yes	No
Sound selection	Externally by terminal connection					
Weight	65 g	35 g	25 g	85 g	55 g	

* Single Circuit only.

Panel Strobe and Single/Two Color LED Lights

Technical							
Housing:	Base Material	Polycarbonate, black					
	Lens	Polycarbonate, red, amber, yellow, green, blue, and clear					
Protection class	IP65/UL Type 4, 4X, 13, IP2X						
Terminals	Plug-in terminal block, up to 2.5 mm ² (14 AWG)						
Operation temperature range	-25...+60 °C						
Storage temperature range	-25...+85 °C						
Mounting	Central mounting for bore holes 22 mm or 30.5 mm with Hole Adapter Kit						
Mounting Nut Torque	1.7 Nm (15 lb-in)						
Electrical							
		LED — Steady/Flashing			Strobe Light		
		65 mm	45 mm	30 mm	65 mm	45 mm	30 mm
Supply voltage range	12V AC/DC - 50/60 Hz	+/-10%	+/-10%	+/-10%	—	—	+/-10%
	24V AC/DC - 50/60 Hz	+/-10%	+/-10%	+/-10%	—	—	+/-10%
	12...24V AC/DC 50/60 Hz	—	—	—	8...26V AC/DC	8...26V AC/DC	—
	120V AC - 50/60 Hz	+/-10%	+/-10%	+/-10%	+/-10%	+/-10%	+/-10%
	230/240V AC - 50/60 Hz	+/-10%	+/-10%	+/-10%	+/-10%	+/-10%	+/-10%
Nominal current — single color (two color w/ full or half illumination)	12V AC/DC - 50/60 Hz	75 mA	60 mA	30 mA	—	—	15 mA
	24V AC/DC - 50/60 Hz	54 mA (full: 71 mA half: 44 mA)	35 mA (full: 46 mA half: 39 mA)	25 mA (full: 28 mA half: 30 mA)	—	—	10 mA
	12...24V AC/DC 50/60 Hz @ 12V	—	—	—	150 mA	110 mA	—
	12...24V AC/DC 50/60 Hz @ 24V	—	—	—	140 mA	100 mA	—
	120V AC - 50/60 Hz	25 mA (full: 61 mA half: 41 mA)	25 mA (full: 35 mA half: 35 mA)	20 mA	30 mA	20 mA	10 mA
230/240V AC - 50/60 Hz	25 mA (full: 61 mA half: 41 mA)	25 mA (full: 35 mA half: 34 mA)	20 mA	20 mA	12 mA	10 mA	
Turn-on Leakage Current	≥3 mA	≥3 mA	≥3 mA	≥3 mA	≥3 mA	≥3 mA	
Steady/Flashing light	Externally by terminal connection						
Flashing frequency	2 Hz	2 Hz	2 Hz	min. 1.4 Hz	min. 1.4 Hz	min. 1.4 Hz	
Light source	LED			XENON tube			
Flash energy	—	—	—	1 J	0.5 J	—	
Weight	60 g	40 g	40 g	80 g	60 g	40 g	