

Tamper-Resistant GFCI Duplex Receptacle, 20A 125V, Commercial Grade, cULus Listed

OVERVIEW

The E-O-20A is a tamper-resistant GFCI duplex receptacle rated 20A at 125V 60Hz, designed for commercial and industrial installations where ground fault protection and physical tamper resistance are required. The unit supports feed-through wiring with modular terminals accepting 12–14 AWG conductors and mounts on a zinc-plated steel strap.


The receptacle features dual LED indicators for real-time status feedback: a green LED confirms proper installation and active protection, while a red LED blinks during automatic self-tests conducted every 40 seconds and illuminates solid at end-of-life. Trip threshold is 4–6mA with a trip time under 25ms. The high-impact thermoplastic enclosure carries a UL94-V0 flame rating and withstands a dielectric voltage of 1,500V AC. Mechanical life is rated at 6,000 operations.

The E-O-20A is cULus listed to UL 498, UL 943, and CSA C22.2 No. 144.1. No warranty terms are specified in the available product documentation; consult your Poli LED & Signs representative for current warranty and compliance details applicable to your project.

SPECIFICATIONS

Input voltage	125V V	Weight	7.1 kg
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MOUNTING

Certification	cULus	Standard(s)	UL498/UL943/CSA C22.2 No.144.1
Technical parameter	Receptacle Rating: 20A 125V 60Hz		
	Dielectric Voltage Withstand: 1500V(AC)		
	Mechanical life: 6000 times Trip threshold: 4-6mA		
	Trip time: < 25ms Insertion force: < 170N, Release force: < 67N		
	Retention force: > 13N		
	Flame Classification: UL94-V0		
WIRE: 12-14AWG			Packing Details: 50pc/CTN N.W: 7.1KG G.W: 9KG Size: 15.35*10.63*9.84 inch
			

CERTIFICATIONS & COMPLIANCE



UL Listed