

PRODUCT SPECIFICATION

# MXC 2.0 Sub-Station

ELD9500.032 (50Hz)

ELD9500.032-60 (60Hz)



Mounted in a compact steel enclosure, the MXC Sub-Station is fitted in the electrical services rise or ceiling spaces. It is powered from a single way on the local emergency lighting distribution board. It has 8 external switch inputs for central switching and monitoring control. Each Sub-Station can support up to 40 luminaires. It provides 2 fused outputs which can support up to 5A and 20 Luminaires each. The maximum total cable run from each substation should be no more than 200m. Wiring topography is radial circuits with limited stubs/T's less than 10m. It is good practice to distribute the luminaires as evenly as possible across the 2 circuits.

<b>Electrical</b>	<b>Maximum/Minimum Rated Current:</b>	2 x 5A (Total Max 10A, Min 0.5A)
	<b>Maximum AC Voltage:</b>	240V AC
	<b>Local Power Input:</b>	220V – 240V AC
	<b>Frequency:</b>	50/60Hz Dependant on Part Code Selected
	<b>Control Inputs</b>	8 Live Switched or Un-Switched (Software Selectable) + 2 Neutral Connections
	<b>Power Consumption:</b>	30VA
	<b>Capacity:</b>	40 LTC Units (2 Circuits of 20)
	<b>Switching Thresholds:</b>	230V 60%to-85% to EN60598-2-22
	<b>Max Distance From Static:</b>	2500 Meters
	<b>Max Distance from MXC to Final Luminaire</b>	200 Meters per Output Circuit. Wired as a single radial.
	<b>Data Inputs:</b>	2-core data
	<b>Cable Termination:</b>	2.5mm <sup>2</sup> Maximum
	<b>Cable Entry</b>	20mm Gland Holes (2x6 top & bottom)
	<b>Data Cable Spec:</b>	2-core screened 240V rated 1.00mm <sup>2</sup> minimum – Pirelli LSX or FP200
<b>Construction</b>	<b>Enclosure Material:</b>	Galvanised Steel
	<b>Operating temperature range:</b>	0-25°C Derating must be applied -1A for every +5°C (Max 50°C @ 5A)
	<b>Ingress class:</b>	IP20

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	<b>Enclosure dimensions:</b>	275mm L x 275mm W x 85mm H
	<b>Weight:</b>	2.7Kg
<b>Product standards</b>	<b>UK &amp; Europe:</b>	EN 60598-1: 2015+A1:2018 EN 61347-1:2015 EN 61347-2-11:2001+A1:2019 EN 55015:2019+A11:2020

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