CLONE OF HEMERA CITY

HEMERA City outdoor box with PoE+ optical switch

BENEFITS

- This box supports all types of installation: wall mounting, cable chamber (compatible with L1T type chambers), top of mast or tower, as well as indoors.
- The box's construction material allows it to be easily painted for compatibility with surface installation at historical sites.

APPLICATIONS

This type of box is particularly recommended for connecting terminals such as video surveillance cameras, WiFi access points, access control terminals, digital signage, etc.

The outdoor connection box ensures optical fiber connection, switching and power management (circuit-breaker + 54V power supply).

This box is delivered with 2 LC G657A2 pigtail leads.

GENERAL CHARACTERISTICS

The box is standard equipped with:

- 1 connection cassette - 4 fibers G657A2
- 1 DIN rail
- 1 cable anchor plate
- 2 cable glands PG11
- 1 plate for pole and façade mounting
- 1 6A circuit breaker
- 1 54V 60W power supply
- 1 switch according to reference (see characteristics table)
- 1 cable gland PG16
- 1 slot PG13

CHARACTERISTICS	
NAME	VALUE
External dimensions (overall)	WxLxH: 100 x 410 x 120 mm
Internal volume	WxLxH: 75 x 260 x 100 mm
Weight	1700 g
Colour	Grey RAL 7035
Tensile strength	IK 10
Waterproofing	IP67
Feedthroughs + cable glands	1 PG16 + 2 PG11 + 1 PG13
DIN rail	1 DIN rail 75mm wide in the upper part
Device for mounting equipment	Many screwing locations across the entire bottom surface of the box
Fiber splicing	Cassette capacity up to 4 splices
Electrical protection	Circuit breaker 230VAC - 6A
ELV power supply	54VDC - 60W
Switch IB1639	2 SFP ports 100/1000Mbits 2 RJ45 ports 10/100/1000Base-T PoE+ IEEE 802.3at – Pmax 50W (cumulative on the 2 ports) Operating temperature: -20 / +50°C

Note: The switch is not delivered equipped with SFPs; these must be specified and purchased separately according to the desired speed (Fast or Gigabit Ethernet) and the type of fiber chosen (single-mode or multi-mode).

RANGE

REFERENCES		
PRODUCT	ITEM CODE	FORMAT
HEMERA City Box with 2SFP 2RJ45 PoE+ switch	IB1639	Individual box
Hook for mounting inside tower	IB1634-S5	Pack of 5 hooks

OTHER PRODUCTS IN THE RANGE		
PRODUCT	ITEM CODE	PHOTO
Cable Input Cover HEMERA City Box	IB1636	
SFP Gigabit 1000BaseLX Single-Mode LC Duplex 1310nm 10 km with diagnostics + extended temperature class -40°C/+85°C	IB2030	
SFP Gigabit 1000BaseSX Multimode LC Duplex 850nm 550 m with diagnostics + extended temperature class -40°C/+85°C	IB2036	
4 p. F/UTP Cat6A - In/Out - LSOH	R7690A	

NORMS AND STANDARDS

GENERAL

 FABRICATION FRANÇAISE

RECOMMENDATIONS

Box installation

IB1639 Box Installation Configurations

 Inside of tower	 Façade	 Front with cover	 Top of tower
 Installation in cable chamber (L1T)	 Painted version for surface mounting (for example on a tower at a historical site)		