

# EX E TERMINATION BOX

316L Ex e termination box for EX cameras

## DESCRIPTION

Robust and corrosion-free junction box for connecting the EX-FIX and EX-PTZ Ex camera series

## FEATURES

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316L corrosion free stainless steel junction box

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ATEX certified: II 2G Ex e IIC T6 Gb

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Termination for power, washer, Ethernet, FO cable (optional)

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Suited for onshore, offshore, marine, and heavy industry

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Robust and easy to install

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## Description

The Siqura Ex e termination box is a junction box for EX-FIX and EX-PTZ camera stations for use in onshore, offshore, marine and heavy industrial environments.

### Construction

The terminal box is constructed from 316L stainless steel for maximum corrosion protection and has integrated terminals for power, Ethernet, and washer control. The terminal box is prepared with 5x M25 gland entries, one is fitted with a blind-plug.

### Fiber optic termination option

With the optional "Fiber Termination Kit – 2SM" the Ex e termination box is made ready for direct to fiber connections. The fiber termination box is designed for termination of a 4 fibre FO cable. The Kit contains 4 pigtailed, 2 dual LC connectors and a splicebox that fits on the DIN-rail of the EX e Termination box.

**Terminal box housing**

Application	Harsh offshore and marine environments
Ingress protection rating	IP66
Certification	ATEX, Ex II 2 G, Ex e IIC T6 Gb Tamb:-20°C to +40 °C Ex II 2 G, Ex e IIC T5 Gb Tamb:-20°C to +55 °C Ex II 2 G, Ex e IIC T4 Gb Tamb:-20°C to +70 °C

**Mechanical**

Material	316L stainless steel
Dimensions	Width 300 mm, height 200 mm, depth 120 mm
Weight	4 kg (9 lbs)
Gland entries	5 x M25 (bottom side)
Terminals	Weidmüller WP series:
- Power (L, N, and all PE)	M 4
- Remaining	M 2.5

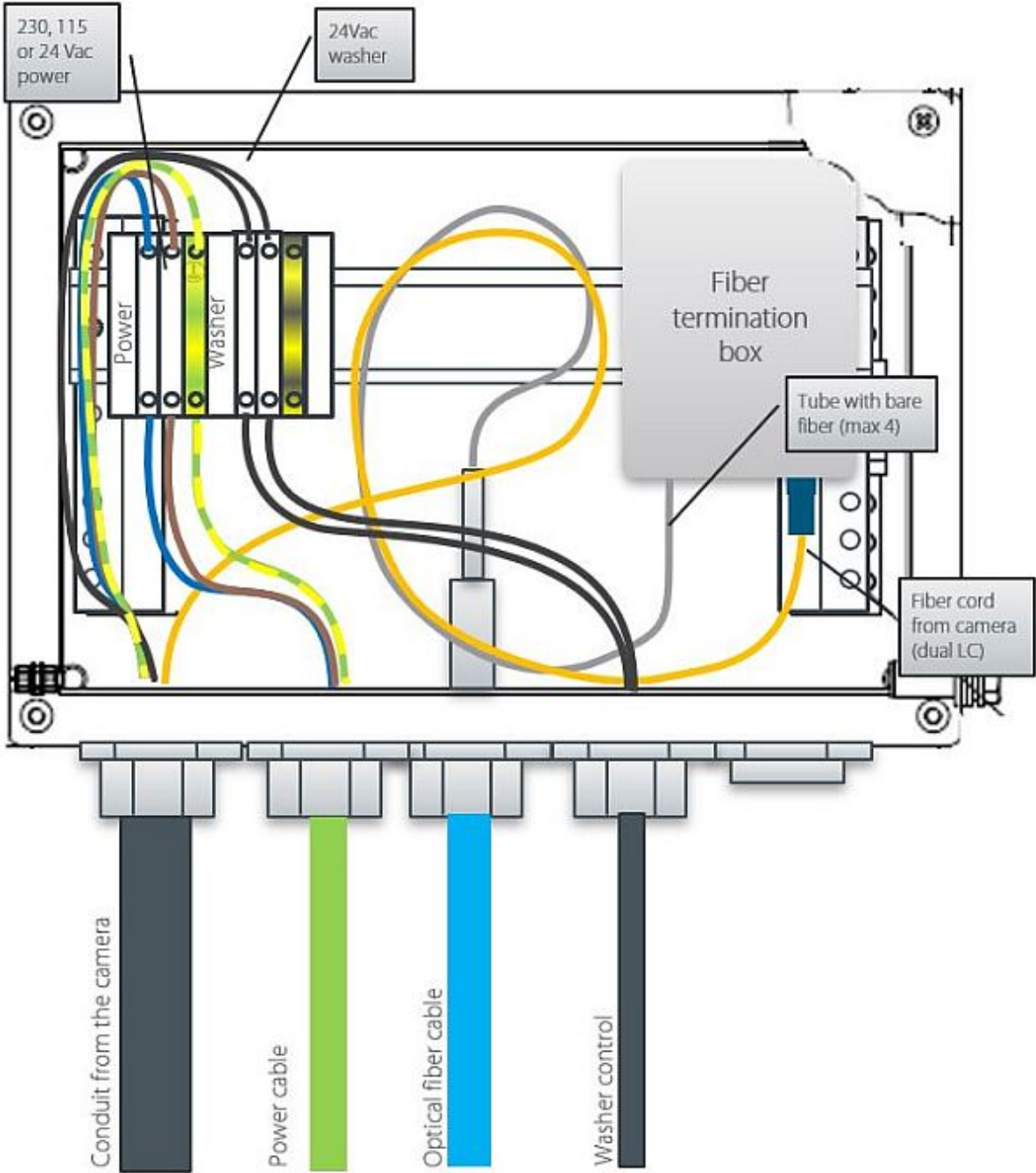
**Fiber Termination Kit - 2SM**

Optical power rating	Shall comply Class 1 optical radiation
Body material	ABS
Number of ports	1 or 2.
Fibre type	Singlemode OS2
Pig tails	4x Singlemode 0.9 mm OS2 semi-tight buffer with LC connector
Adapter	2x duplex LC adapter
Mounting	DIN-rail
Size (h x w x d)	100 x 80 x 23
Weight	0.565 kg

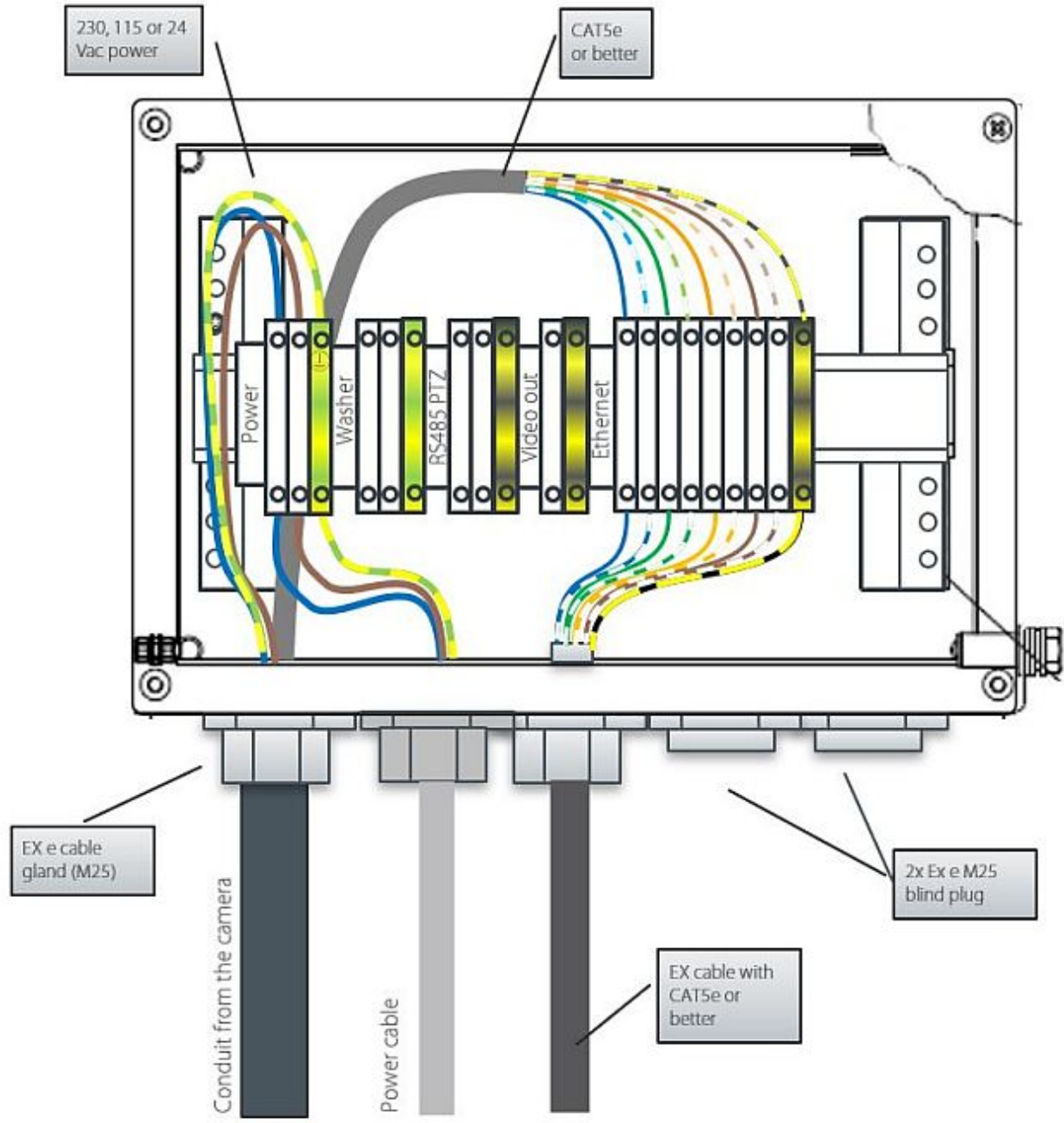
**Ordering information**

Ex e termination box	316L Ex e termination box for Ex cameras
Fiber termination kit - 2SM	DIN-rail Fiber Optic Cable Termination Kit for SM, 2x Dual LC

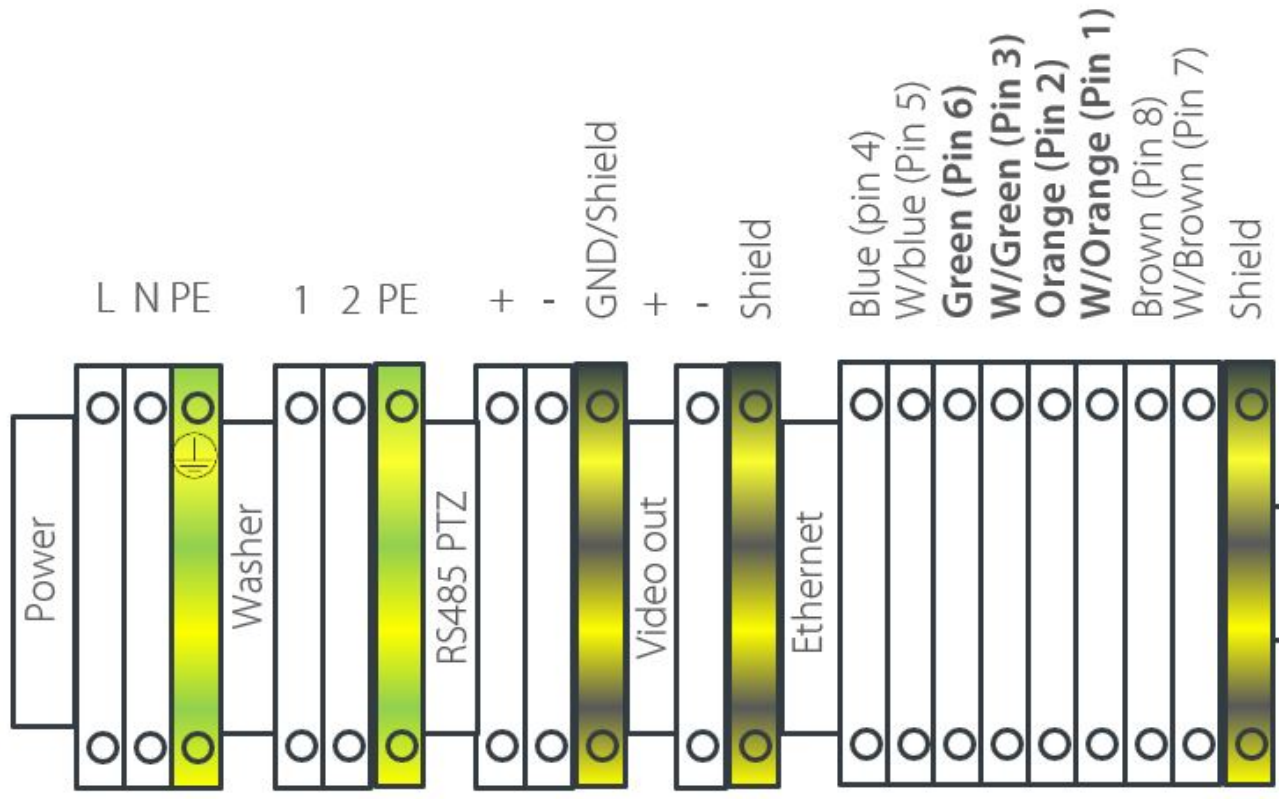
TERMINATION EXAMPLE BASED ON FIBER



TERMINATION EXAMPLE BASED ON CAT5E ETHERNET



# TERMINAL CONNECTIONS



TERMINATION BOX DIMENSIONS IN MM

