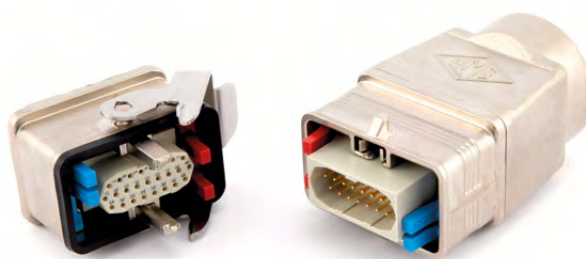


MIXO ONE - CXA - MXA

TECHNICAL FEATURES

MIXO ONE is the aluminium housings system designed by ILME to accept the wide range of MIXO series single-sized modules.

- These robust connector enclosures (3 hood variants and 1 bulkhead mounting housing) transform each single MIXO module into a completely independent connector;
- the enclosures allow mounting of single MIXO module only in one guided way, to avoid incorrect match with the mating connector;
- the enclosures incorporate a pre-leading (first-make, last-break) PE connection terminal and contact, for the safest connector operation;
- the pins protruding from the bulkhead mounting housing act also as key guide, in cooperation with the corresponding keyway sockets in the hoods, to avoid incorrect 180° reversed mating with corresponding connector;
- the rigid locking lever is releasably mounted on moulded pegs that include a stopping teeth;
- the hoods are split in two parts (front, rear), to allow MIXO module mounting and simplify the enclosure's PE connection. Supplied with four self-threading screws and self-retaining sealing gasket;
- the bulkhead mounting housing is supplied with the module locking frame and self-retaining flange gasket;
- four optional coding pins available for up to 16 different codings, as a provision against mismatching when identical connectors are installed side by side;
- protection covers for hoods and housings, either with pegs (for enclosures with locking lever and sealing gasket) or with locking lever and sealing gasket (for enclosures with pegs) available either with eyelet-terminated string (for fastening to housings) or with loop-terminated cord (for fastening to hoods, around the incoming cable).



SUM-UP

- ☑ **Aluminium die cast alloy, nickel plated**
- ☑ **Rigid stainless steel locking lever**
- ☑ **Hoods split in two parts (front, rear), to simplify the PE connection. Supplied with four self-threading screws and sealing gasket**
- ☑ **Four optional coding pins for up to 16 different codings, as a provision against mismatching when identical connectors are installed side by side**
- ☑ **Protection covers for hoods and housings made in shock-proof thermoplastic material, either with pegs (for enclosures with locking lever and sealing gasket) or with locking lever and sealing gasket (for enclosures with pegs) both with eyelet-terminated string (for fastening to housings) or with loop-terminated cord (for fastening to hoods, around the incoming cable)**



Watch
our
video

MIXO ONE CXA - MXA

inserts MIXO		page:
CX 01 G	1 module	264
CX 02 7	1 module	266
CX 02 4	1 module	267
CX 02 4A, CX 02 4B	1 module	268
CX 03 4	1 module	269
CX 03 4B	1 module	270
CX 3/4 XD	1 module	271
CX 04 X	1 module	272
CX 05 S	1 module	-
CX 05 SH	1 module	274
CX 06 C, CX 06P C	1 module	275, 276
CX 08 C	1 module	277
CX 02 CH *)	1 module	279
CX 12 D, CX 17 D	1 module	281, 282
CX 25 IB	1 module	284
CX 25 I	1 module	-
CX 08 I6	1 module	286
CX 01 9V, CX 01 9VT	1 module	296, 298
CX 04 L	1 module	299
CX 04 R	1 module	300
CX 04 SC	1 module	301
CX 01 J8, CX 01 J8I	1 module	302
CX 03 P, CX 02 P	1 module	312

*) can be used only with CXA 01 I and
MXA 01 V32 enclosures

bulkhead mounting housing
with single lever

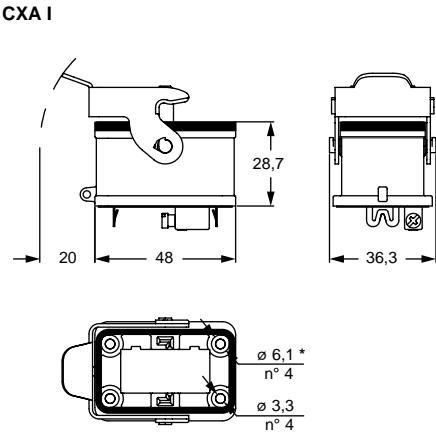


hoods
with 2 pegs



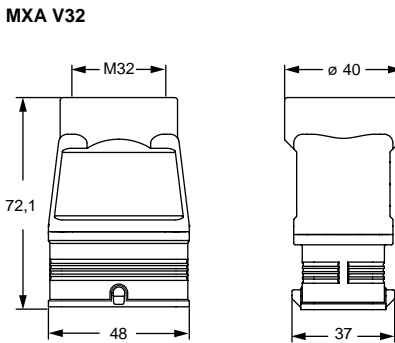
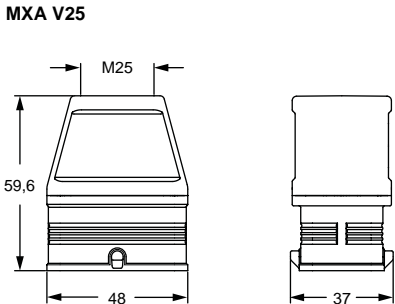
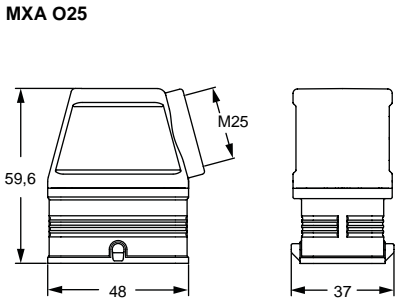
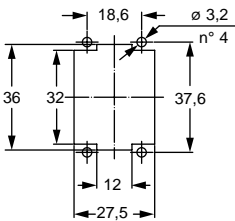
description	part No.	part No.	entry M
with lever	CXA 01 I		
with pegs, side entry (in 2 parts)		MXA 01 O25	25
with pegs, top entry (in 2 parts)		MXA 01 V25	25
with pegs, top entry (in 2 parts)		MXA 01 V32	32

PE terminal
On both the bulkhead mounting housing and on the hood front part, PE screw terminal without protection plate, zinc plated steel terminal screw with rounded tip.
Connecting capacity:
0,5 mm² (20 AWG) – 10 mm² (8 AWG) both unprepared and prepared stranded copper wire.
PE terminal screw head footprint:
for Ph1 or 1,0x5,5 mm flat screwdriver, recommended torque 1,2 Nm (10.6 lb.in)
NOTE:
Some regulations may require conductor preparation with a crimped end sleeve.
Recommended crimp shape: square, e.g. by using Rennsteig ferrule crimping pliers PEW 8.85 (610 1853).

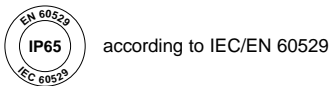


* for M3 fixing screws
(not supplied) with maximum
6 mm head diameter

panel cut-out for bulkhead mounting housings



cURus
Type 4/4X/12 pending



plastic covers



plastic covers
with lever and gasket



description

part No.
(with eyelet)

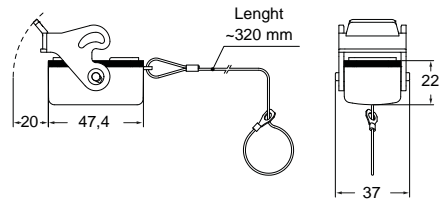
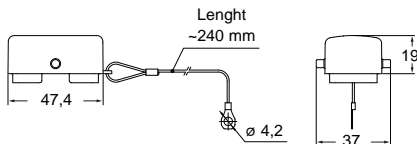
part No.
(with loop)

with 2 pegs (for enclosures with 1 lever with gasket)

CXP 01 C

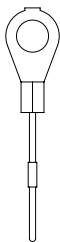
with 1 lever and gasket (for hoods with 2 pegs)

CXP 01 CLG



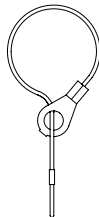
For fixing on housings

eyelet



For fixing on hoods

loop

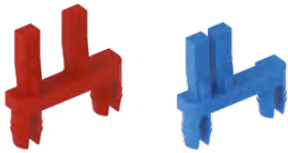



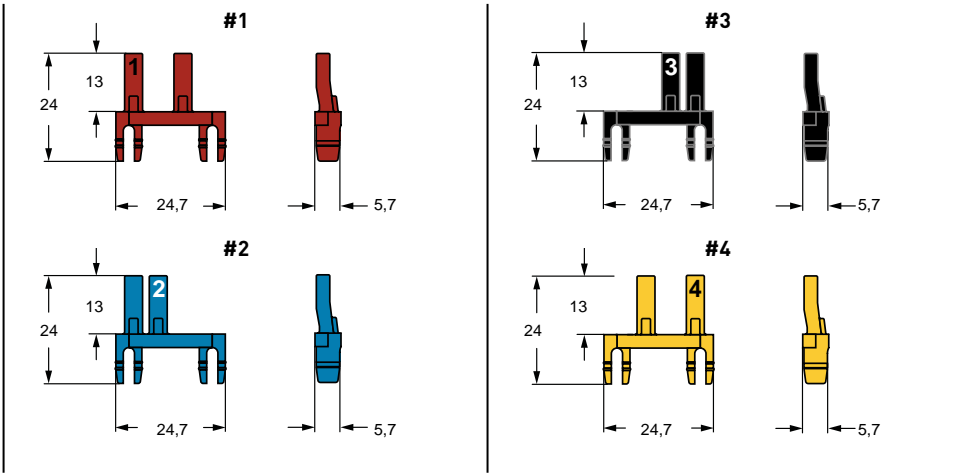
cURus
Type 4/4X/12 pending




according to IEC/EN 60529

MIXO ONE CR CX coding pins

coding pins		coding pins	
			
description		part No.	
red coding pin (#1)		CR CX01R	
blue coding pin (#2)		CR CX01B	
yellow coding pin (#3)		CR CX01G	
black coding pin (#4)		CR CX01N	



CR CX01 CODING OPTIONS



Example of coding option 6 of 16 different codings possible (4 coding pins per each connector coupling)
