

## CX 25 IBF/IBM 25 poles 4A - 50V

The modular inserts must be installed in suitable frames which are then mounted in traditional enclosures or in COB panel support.

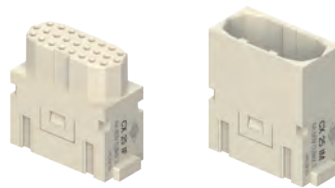
Single-sized modular units may be directly mounted inside MIXO ONE enclosures.

frames for modular units page: 316 - 317

MIXO ONE enclosures 369

- max insulating diameter 2,1 mm
- we recommend the use of CRF / CRM code pins

modular units,  
crimp connections



CI (4A) crimp contacts,  
silver and gold plated



description

part No.

part No

without contacts (to be ordered separately)

female inserts for female contacts

male inserts for male contacts

**CX 25 IBF**  
**CX 25 IBM**

CI (4A) female crimp contacts

0,08-0,21 mm<sup>2</sup> AWG 28-24

0,13-0,33 mm<sup>2</sup> AWG 26-22

0,33-0,52 mm<sup>2</sup> AWG 22-20

0,52-0,75 mm<sup>2</sup> AWG 20-18

CIFA 0.2

CIFA 0.3

CIFA 0.5

CIFA 0.7

CIFD 0.2

CIFD 0.3

CIFD 0.5

CIFD 0.7

CI (4A) male crimp contacts

0,08-0,21 mm<sup>2</sup> AWG 28-24

0,13-0,33 mm<sup>2</sup> AWG 26-22

0,33-0,52 mm<sup>2</sup> AWG 22-20

0,52-0,75 mm<sup>2</sup> AWG 20-18

CIMA 0.2

CIMA 0.3

CIMA 0.5

CIMA 0.7

CIMD 0.2

CIMD 0.3

CIMD 0.5

CIMD 0.7

- characteristics according to EN 61984:

**4A 50V 0,8kV 3**

**4A 160V 2,5kV 2**

- **BUREAU VERITAS** certified

- rated voltage according to UL/CSA: 600V

- insulation resistance:  $\geq 10 \text{ G}\Omega$

- ambient temperature limit: -40 °C ... +125 °C

- made of self-extinguishing thermoplastic resin

UL 94V-0

- mechanical life:  $\geq 500$  cycles

- contact resistance:  $\leq 4 \text{ m}\Omega$

- for crimp contacts CI series use, on page 716 - 719

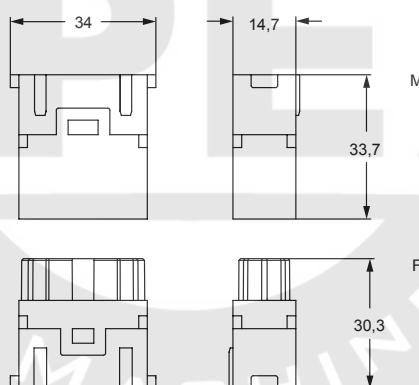
**CIPZ D** crimping tool

**CITP D** turret head

**CIES** insertion / removal tool for contacts 0,2 - 0,5 mm<sup>2</sup>

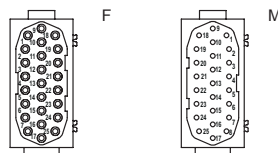
**CIES B** insertion / removal tool for contacts 0,75 mm<sup>2</sup>

- for max. current load see the connector inserts derating diagram below; for more information see page 28

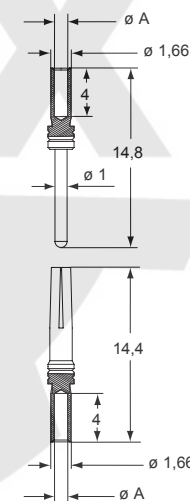


contacts side (front view)

side with reference arrow ▲



- 1 frame slot



**CIF and CIM contacts**

| conductor section (mm <sup>2</sup> ) | conductor slot $\varnothing A$ (mm) | conductors stripping length (mm) |
|--------------------------------------|-------------------------------------|----------------------------------|
| 0,08-0,21                            | 0,64                                | 4                                |
| 0,13-0,33                            | 0,90                                | 4                                |
| 0,33-0,52                            | 1,12                                | 4                                |
| 0,52-0,75                            | 1,12                                | 4                                |

**CX 25 IB, 25 poles connector inserts**  
**Maximum current load derating diagram**

