Control system

PO

CC

X45

XS

X65

X65P

X85

X85P

XH

XK

XKP

X180

X300

GR

CS

XT

HU

WL

WK

XC

XF

XD

ELV

CTL

FST

TR

APX

IDX

Contents

Communication interfaces for drive units

Profibus, and DeviceNet, Profinet and Ethernet/IP type fieldbus interfaces are available. Type Z6 includes a power switch.

Field bus interfaces

145   178

365

398   149
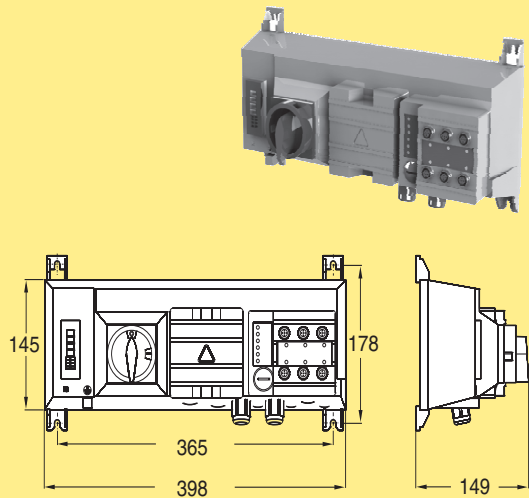
Field bus interfaces
Z.6 Profibus   **5057737**
   (4 digital inputs and 2 digital outputs included, M12)
Z.6 DeviceNet   **5057738**
   (4 digital inputs and 2 digital outputs included, M12)
Z.6 Profinet   **5122718**
   (4 digital inputs and 2 digital outputs included, M12)
Z.6 Ethernet/IP   **5122719**
   (4 digital inputs and 2 digital outputs included, M12)

Accessories

Bracket kit for Air supply equipment, Field bus interfaces

5

Beam   MS6   Z.6
Wire way   CPX

Beam   MS4

5059611

196   CPX

Wire way
MS6   MS4

Z.6

60
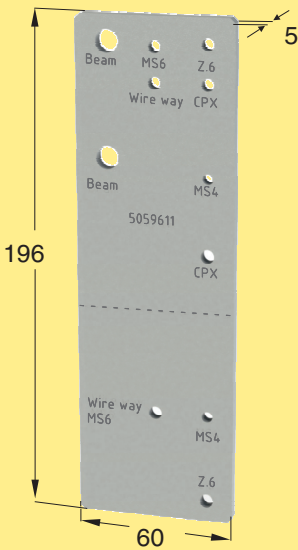
Bracket kit   **5111952**

Including one pair of bracket 5059611.

FlexLink Device Platform

The FlexLink Device Platform consists of a distributed controllers SCDC, power distribution devices SCPD and direct-current motors SCMD which together are applied in smart mechatronic solutions.

SCDC

The SCDC-range provides communicative, configurable and robust field controllers for decentralized applications. The rich connectivity set is optimized for FlexLink applications.

Features:

- 1 Industrial Ethernet interface
- 4 ports 8 DI or 4 DI with 4 IO-link channels
- 2 ports 4 DI
- 2 ports 4 DQ
- CANopen or RS485

SCPD

The SCPD-range provides compact power distribution devices for 24VDC.

SCMD

The SCMD-range provides geared and gearless communicative DC-motors with integrated encoder and driver.

Features:

- CAN-controlled
- Separated motor and auxiliary power supply
- Interior temperature monitoring (gearless version)
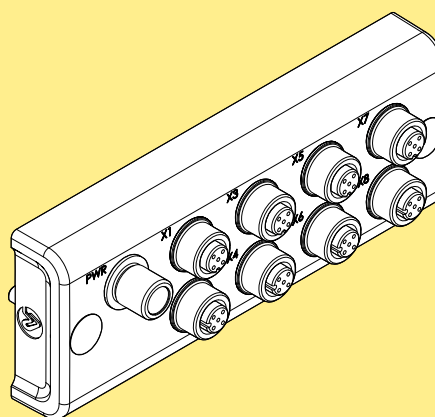- Two local digital input signals mirrored through CAN

Controllers

Controller secondary
bus
  RS-480   **SCDC 12I4OCAN**
                       SCDC 12I4ORS485

Power distribution
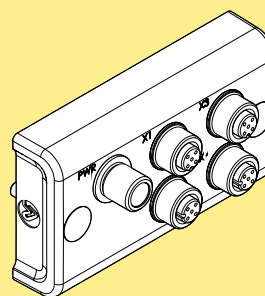
Power box 4x24 V
  M12 A-code
Bracket kit   **SCPD 424VDC16A**
                   FLX1000458
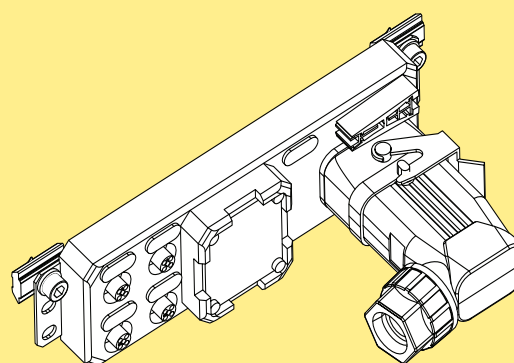

Power distribution

Power box 8x24 V
  M12 A-code
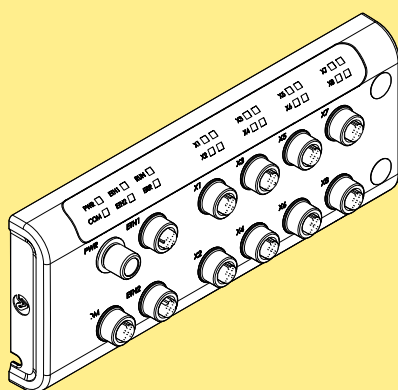Bracket kit   **SCPD 824VDC16A**
                   FLX1000396

Power box

Power box 4x24 V
  M12 T-code   **SCPD 424VDC16A H**
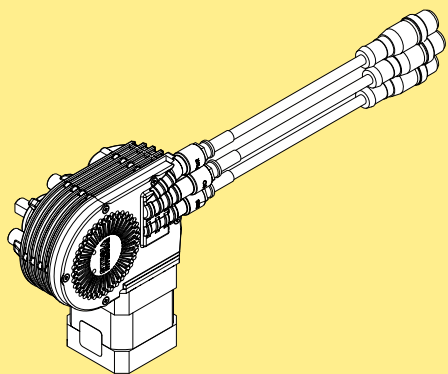
Note: Max 10A per channel, including fuses

Direct current motor, with gear, encoder & driver

CANopen, T=2.7Nm:	**SCMD CAN2.7-001**
CANopen, T=5Nm	**SCMD CAN5-001**
CANopen, T=10Nm	**SCMD CAN10-001**
CANopen, T=15Nm	**SCMD CAN15-001**

Direct current motor, gear-less, with encoder & driver
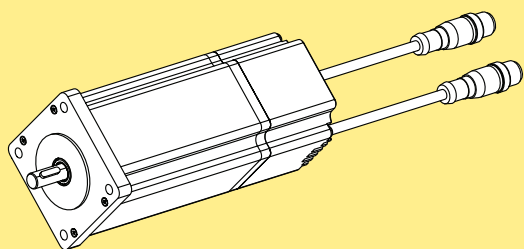
CANopen, T=3.7Nm:	**SCMD CAN3.7-003**

Can Cables

Connection cable:

0.3m	**FLX1005450**
2m	**FLX1005451**
5m	**FLX1005452**
Cable kit	**FLX1005449**

Can Connectors

T-connector, 5-pin	**FLX1005446**
Fieldbus termination:	
CAN, male	**FLX1005447**
Connector 5-pin male	**FLX1005448**

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