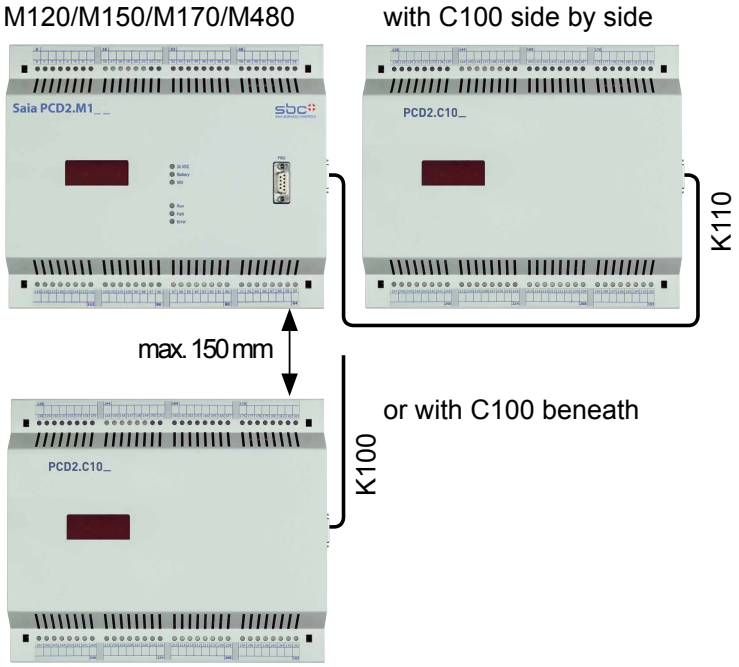
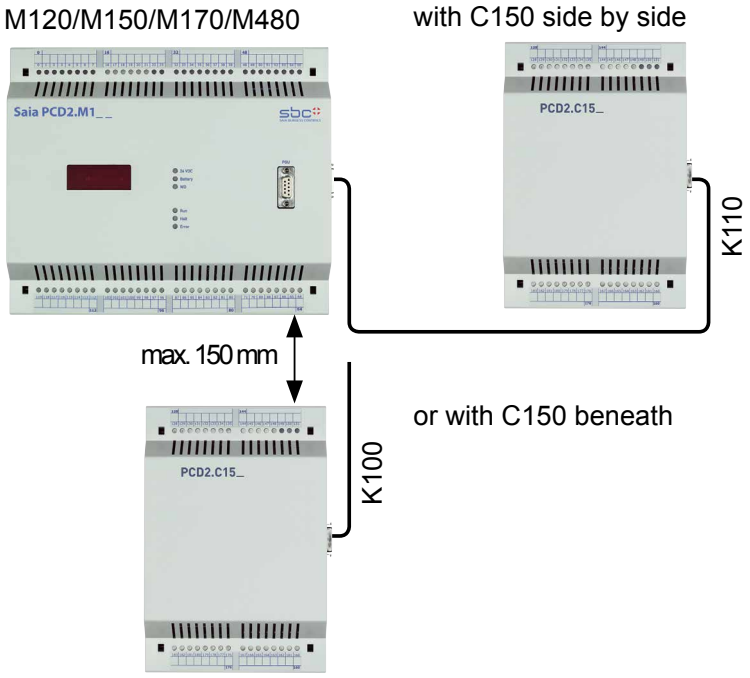
3.6.1 Expansion with PCD2 components

The PCD2.C100 expansion housing provides space for 8 additional I/O modules. The dimensions of the housing match those of the PCD2.Mxx0 base unit.



The PCD2.C150 expansion housing provides space for 4 additional I/O modules. The dimensions of the housing match those of the PCD2.Mxx0 base unit.

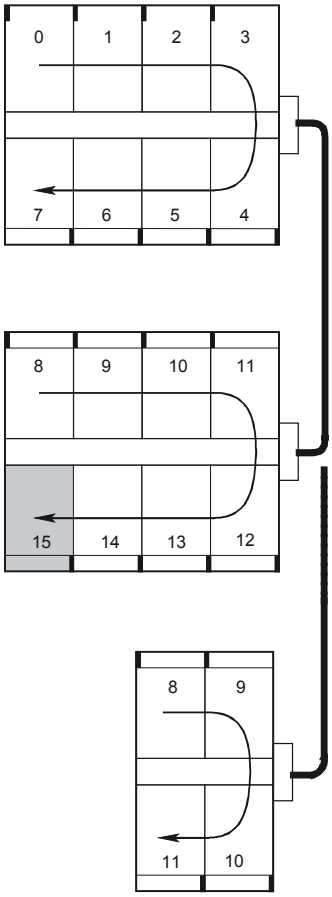


The connection to the base unit is via the 26-core extension cable

- PCD2.K100 for mounting beneath each other, or
- PCD2.K110 for mounting side-by-side
- PCD2.K120 for specific applications (length 2 m)

The PCD2.Mxx0 base units have 8 sockets for input/output modules. The sockets are numbered clockwise from the top left, from 0 to 7.

The controllers can also be expanded with PCD2.C150 (4-socket) and PCD2.C100 (8-socket) expansion housings to provide up to 15 sockets.



Base unit PCD2.Mxx0
Sockets numbered clockwise from 0 to 7.
All modules of types E, A, W and H can run in any socket.
The PCD2.T8xx modems cannot be used in all sockets; please refer to the manual 26/771 for these modules

PCD2.K100 or K110 bus extension cable

PCD2.C100 expansion housing
Sockets numbered clockwise from 8 to 15.

Socket 15 (shaded) cannot be used for modules of types W or H.

PCD2.C150 expansion housing

Sockets numbered clockwise from 8 to 11

A.4 Order codes

Type	Description	Weight
	Base units for 4 PCD2 I/O modules or modems	
PCD1.M110	up to 64 I/Os, 1 port, 17 KBytes RAM, 16 MHz	920 g
PCD1.M125	up to 64 I/Os, up to 4 ports, 128 KBytes RAM, 16 MHz	920 g
PCD1.M135	up to 64 I/Os, up to 4 ports, 128 KBytes RAM, 25 MHz	920 g
	Base units for 8 PCD2 I/O modules or modems	
PCD2.M110	up to 128 I/Os, 2 ports, 128 KBytes RAM, 16 MHz	860 g
PCD2.M120	up to 255 I/Os (with C100), up to 4 ports, 128 KBytes RAM, 16 MHz	920 g
PCD2.M150	up to 255 I/Os (with C100), up to 4 ports, 128 KBytes RAM, 25 MHz	920 g
PCD2.M170	up to 511 I/Os (with PCD3.LIO), up to 6 ports, 1 MByte RAM, 25 MHz	950 g
PCD2.M480	up to 1023 I/Os (with PCD3.LIO), up to 8 ports, 1 MByte RAM, latest µC technology, 162 MHz (230 Mips)	950 g
	Expansion housings	
PCD2.C100	for 8 additional I/O modules	560 g
PCD2.C150	for 4 additional I/O modules	350 g
	PCD3.RIO/LIO	
PCD3.C100	for 4 PCD3 I/O modules	350 g
PCD3.C110	for 2 PCD3 I/ O modules	180 g
PCD3.C200	for 4 PCD3 I/O modules, 24 VDC supply integrated	350 g
PCD4.C225	Coupling bus module with 2 module sockets for I/O modules from the PCD4 series	200 g
PCD3.T760	for 4 PCD3 I/O modules, Profibus DP, 24 VDC supply integrated	380 g
PCD3.T765 [1])	as PCD3.T760 + facility to implement user-specific software modules (plug-ins)	380 g
	PCD4 I/O bus modules	
PCD4.C220	with 2 additional module sockets	375 g
PCD4.C260	with 6 additional module sockets	1100 g
	Extension cable for expansion housing/coupling bus module	
PCD2.K100	Length 0.5 m (for mounting beneath each other with ..C1.., max. distance 150 mm)	65 g
PCD2.K110	Length 0.7 m (for mounting side-by-side with ..C1..)	70 g
PCD2.K106	Length 0.7 m (PCD2.Mxx0 □ PCD3.LIO)	68 g
PCD3.K010	Connector (PCD3.LIO □ PCD3.LIO)	40 g
PCD2.K120	Length 2 m (for coupling bus module)	200 g
PCD8.K111	Connecting cable to PC with 9-pole connector (PC □ PGU)	200 g
	Additional memory components	
4 502 7013 0 [2])	RAM chip with 128 KBytes/1 Mbit	12 g
4 502 7175 0 [2])	RAM chip with 512 KBytes/4 Mbit	12 g
4 502 7126 0	EPROM chip with 128 KBytes/1 Mbit	12 g
4 502 7223 0	EPROM chip with 512 KBytes/4 Mbit	12 g
4 502 7141 0	Flash EPROM chip with 128 KBytes/1 Mbit	12 g
4 502 7224 0	Flash EPROM chip with 512 KBytes/4 Mbit	12 g
PCD7.R400	Flash card with 1 MByte for PCD2.M170/M480, for backup	6 g

1) On request.
2) Where non-SBC RAM components are used, there is a risk of losing data.

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