

CATALOG

# ABB Kabeldon Enclosures

Safe and reliable installations



- Safe usage in public environments
- Tested, verified and optimized
- Designed for flexibility and ease



## Enclosures

### Installation combination examples

Kabeldon enclosures can be installed and mounted as modules in a number of ways to maximize the flexibility and usability of the system.

#### **CDC - a versatile range of enclosures with a timeless design**

CDC was developed in close collaboration with users and meets the requirements for simplicity and flexibility. A number of practical functions make the installer's work easier. The cabinets can also be used for broadband systems using fibre-optic cables, for telecom installations and cable TV.

#### **SDC - a versatile enclosure with extra depth**

This enclosure is designed for both indoor and outdoor usage. SDC is hot-dip galvanized and has a design that harmonizes well with the CDC series, so that the two can be used together. There is also a variant with a top section for metering or other equipment.



CDC 40 + SDC 98



SDC 48 + SDC 98



SDC 98 + SDCM 48



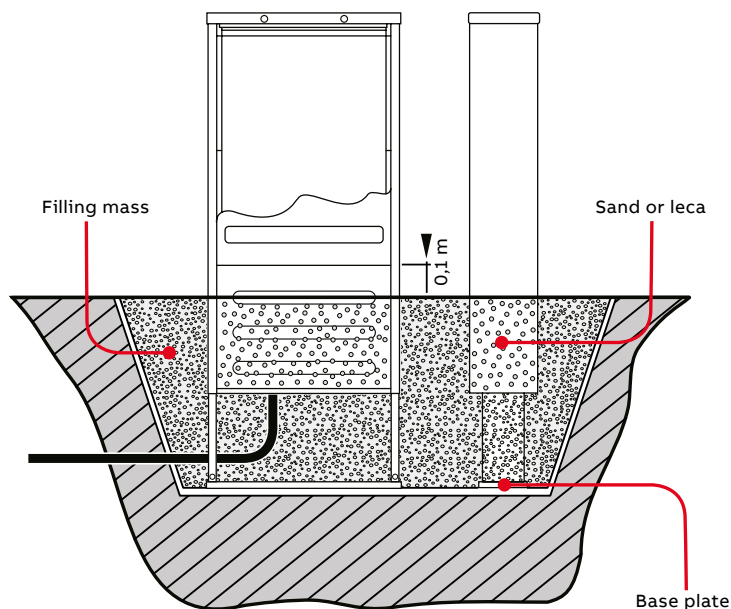
SDCM 48 + SDCM 98



CDC 40 + CDCA

## Enclosures

### Safe and reliable installations



To reduce the risk of condensation we recommend filling the foundation with sand, leca and/or using a damp barrier\* above the foundation.

\*available for CDC

#### Excavation depth

To ensure an attractive and functional installation in the ground, we recommend excavating to a depth at which about 10 cm of the foundation is visible above the restored surface. A marking label indicates the ground level.

#### Special operating conditions

With this type of installation, consideration must be given to the risk of condensation, dust, vibration and impacts.

All enclosures CDC and SDC have ventilation apertures between the cover plate and the door and between the door and the roof, both on the front and back of the enclosure.

#### Conformative with international standards

ABB Kabeldon enclosures comply with the following international product standards:

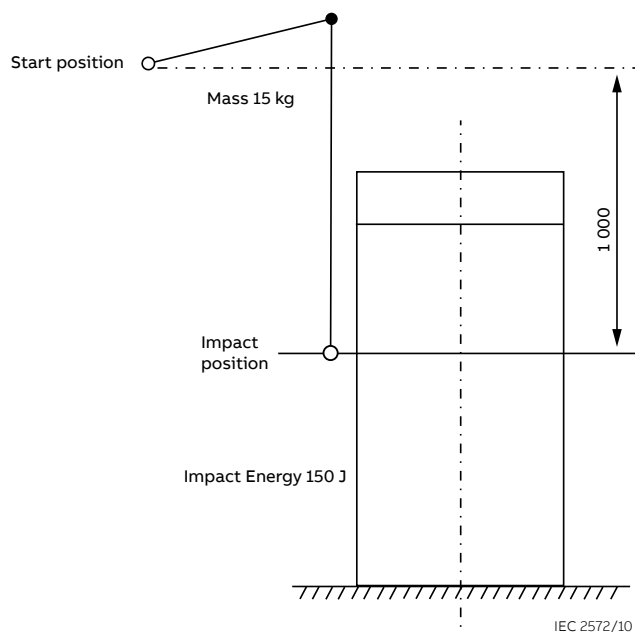
- IEC 61439: Low voltage switchgear and control gear assemblies
- Part 1: General rules
- Part 5: Assemblies for power distribution in public networks
- Passes test for arctic climate

Kabeldon CDC and SDC enclosures are coated to protect against corrosion according to:

- ISO 1461: Inorganic coatings - Hot dip galvanized coatings on fabricated iron and steel articles - Specifications and test methods (ISO 1461:1999)

#### Degree of protection

- IEC 60529: IP Code IP 34D



Test of impact force withstand according to IEC 61439-5

## Ordering information

### Enclosures CDC



CDC 020

#### Enclosures CDC

The CDC range is optimized to fit the Kabeldon IP system, enabling a compact and safe solution. It is specifically designed to meet the requirements of outdoor usage in public environments. The CDC enclosures are delivered with foundations and mounting plate integrated ready for installation.

Designation	ID number	Mounting plate	Dimensions			Lock	Weight kg/pcs
			Height mm	Width mm	Depth mm		
CDC 020 DK	2CGX063300452	Yes	1200	350	220	CDC-LT DK	36
CDC 040 DK	2CGX063300453	Yes	1200	600	220	CDC-LT DK	50
CDC 060 DK	2CGX063300454	Yes	1200	850	220	CDC-LT DK	64



CDCM 040

#### Enclosures CDCM

Cabinets with an upper section that can be locked separately. CDCM 0X0 is delivered with steel mounting plate in the lower section.

Designation	ID number	Mounting plate	Dimensions			Lock	Weight kg/pcs
			Height mm	Width mm	Depth mm	Lower/upper	
CDCM 020	2CGX063300530	Lower section	1800	350	220	CDC-LSE / CDC-LA	49
CDCM 040	2CGX063300608	Lower section	1800	600	220	CDC-LSE / CDC-LA	68

#### Accessory cabinet CDCA

Accessory cabinets CDCA complement the Kabeldon cabinet portfolio with solutions that can be mounted on the side of standard CDC and SDC ranges. For example, it enables installation of temporary power outlets, meter panels and mounting plates.

- The cabinet includes a mounting plate.
- Outlet openings in the sides, the opening on the right side has a revolving seal with a choice of five openings. The seal can be moved to the left side.
- The bottom of the cabinet has an opening with integral strain relief for temporarily connected cables. When not in use, the opening is blanked off with the cover supplied.



CDCA

Designation	ID number	Dimensions			Lock	Weight kg/pcs
		Height mm	Width mm	Depth mm		
CDCA	2CGX063300451	730	280	218	CDC-LT	15

## Ordering information

### Accessories for cable enclosure CDC

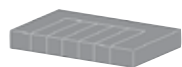


C20-BP

#### Base plate

For stabilization of the foundation.

Designation	Suitable for	ID number	Dimensions			Weight
			Height mm	Width mm	Depth mm	
C20-BP	CDC X20, CDCM X20	2CGX053310725	25	345	130	0.8
C40-BP	CDC X40, CDCM X40	2CGX053310726	25	595	130	1.5
C60-BP	CDC X60, CDCM X60	2CGX053310727	25	845	130	2.2



C20-DB

#### Damp barrier

To prevent moisture inside of the cabinet.

Designation	Suitable for	ID number	Dimensions			Weight
			Height mm	Width mm	Depth mm	
C20-DB	CDC X20, CDCM X20	2CGX053310696	215	350	50	0.2
C40-DB	CDC X40, CDCM X40	2CGX053310697	215	600	50	0.3
C60-DB	CDC X60, CDCM X60	2CGX053310698	215	850	50	0.4



KSPS 7

#### Marking pole

Marking pole made of strong steel and equipped with signal marking and reflective tape, delivered with screws.

Designation	Suitable for	ID number	Dimensions			Weight
			Height mm	Width mm	Depth mm	
KSPS 7	CDC, CDCM, SDC, SDCM	2CGX063190146	1120	30	30	2.0



## Ordering information

### Accessories for cable enclosure CDC



MPP 20



MPT 40



FV



VF 100



KSM 017

#### Mounting plate

To be mounted in the upper part of CDCM. MPP is made of steel and MPT is made of wood.

Designation	Suitable for	ID number	Dimensions			Weight
			Height mm	Width mm	Depth mm	
MPP 20	CDCM 20	2CGX053310665	540	270	20	2.0
MPT 40	CDCM 40	2CGX053310724	550	550	35	1.9

#### Wall spacer and bracket

Used to mount the cabinet to a wall.

Designation	Suitable for	ID number	Dimensions			Weight
			Height mm	Width mm	Depth mm	
FV	CDC	2CGX063190225	50	85	135	1.9
VF 100	CDC, SDC	2CGX053310678	40	35	258	0.2

#### Accessories for CDCA

Designation	ID number	Dimensions			Weight
		Height mm	Width mm	Depth mm	kg/pcs
Mounting plate					
KSM 017	2CGX053310397	705	220	15	1.2

## Ordering information

### Enclosure SDC



SDC 073

#### Enclosure SDC

The SDC enclosure range is suitable for installations requiring increased space, foundation is to be ordered separately.

Designation	ID number	Mounting plate	Dimensions			Lock	Weight
			Height mm	Width mm	Depth mm		
SDC 048	2CGX063300433	No	889	682	312	SDC-LT	46
SDC 073	2CGX063300551	No	889	996	312	SDC-LT	58
SDC 098	2CGX063300437	No	889	1310	312	SDC-LT	70

Mounting plate to be ordered separately.



SDCM 048

#### Enclosure SDCM with upper section

Cabinets with an upper section that can be locked separately. Foundations to be ordered separately.

Designation	ID number	Mounting plate	Dimensions			Lock	Weight
			Height mm	Width mm	Depth mm		
SDCM 048	2CGX063300443	No	1523	682	312	SDC-LT / SDC-LA	72
SDCM 073	2CGX063300561	No	1523	996	312	SDC-LT / SDC-LA	92
SDCM 098	2CGX063300444	No	1523	1310	312	SDC-LT / SDC-LA	111



## Ordering information

### Accessories for cable enclosures SDC



MARK-S 48



GOLV-S 48

#### SDC foundations

For mounting of SDC cabinets. GOLV-S is intended for floor mounting and MARK-S for ground installation.

Designation	Suitable for	ID number	Dimensions			Weight kg/pcs
			Height mm	Width mm	Depth mm	
MARK-S 48	SDC X48, SDCM X48	2CGX063300439	940	672	303	30
MARK-S 73	SDC X73, SDCM X73	2CGX063300549	940	986	303	36
MARK-S 98	SDC X98, SDCM X98	2CGX063300440	940	1300	303	42
GOLV-S 48	SDC X48, SDCM X48	2CGX063300441	400	672	303	23
GOLV-S 73	SDC X73, SDCM X73	2CGX063300550	400	986	303	30
GOLV-S 98	SDC X98, SDCM X98	2CGX063300442	400	1300	303	36

#### Bottom Plate

To be used with wall mounted installation of SDC.

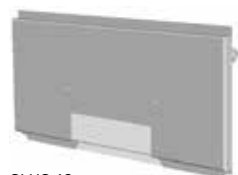


BPF-S 48

Designation	Suitable for	ID number	Dimensions			Weight kg/pcs
			Height mm	Width mm	Depth mm	
BPF-S 48	SDC X48, SDCM X48	2CGX053310629	30	675	282	4
BPF-S 73	SDC X73, SDCM X73	2CGX053310682	30	986	282	5
BPF-S 98	SDC X98, SDCM X98	2CGX053310630	30	1300	282	6

#### Lower door

With outlet opening for temporary installations.



SLUS 48

Designation	Suitable for	ID number	Dimensions			Weight kg/pcs
			Height mm	Width mm	Depth mm	
SLUS 48	SDC X48, SDCM X48	2CGX053310666	288	626	22	5
SLUS 73	SDC X73, SDCM X73	2CGX053310684	288	940	22	8
SLUS 98	SDC X98, SDCM X98	2CGX053310668	288	1254	22	10

## Ordering information

### Accessories for enclosures SDC



KSPS 7

#### Marking pole

Marking pole made of strong steel and equipped with signal marking and reflective tape.

Designation	Suitable for	ID number	Dimensions			Weight
			Height mm	Width mm	Depth mm	
KSPS 7	CDC, CDCM, SDC, SDCM	2CGX063190146	1120	30	30	2.0



KSMP-S 48

#### Mounting plates SDC

To be mounted in SDC and lower part of SDCM. KSMP is made of steel and KSMP-S 48/73 are perforated with hole pitch 38 mm (Ø 3.5)

Designation	Suitable for	ID number	Dimensions			Weight
			Height mm	Width mm	Depth mm	
KSMP-S 48	SDC X48	2CGX053190332	780	660	21	5.0
KSMP-S 73	SDC X73	2CGX053190335	780	974	21	8.0
KSMP-S 98	SDC X98	2CGX053190333	780	1288	21	11.0



MPP-S 48



MPT-S 48

#### Mounting plates SDCM

To be mounted in the lower and upper part of SDC / SDCM.  
SDCM X98 is to be mounted with 2pcs MPP-S 48 or MPT-S 48.

Designation	Suitable for	ID number	Dimensions			Weight
			Height mm	Width mm	Depth mm	
MPP-S 48	SDCM X48, SDCM X98	2CGX053190334	580	590	25	3.0
MPP-S 73	SDCM X73	2CGX053310735	580	860	25	7.0
MPT-S 48	SDCM X48, SDCM 98	2CGX053310647	580	600	35	2.2
MPT-S 73	SDCM X73	2CGX053310688	580	890	35	3.3



VF-S 30



FV

#### Wall spacer and brackets

Used to mount the cabinet to a wall.



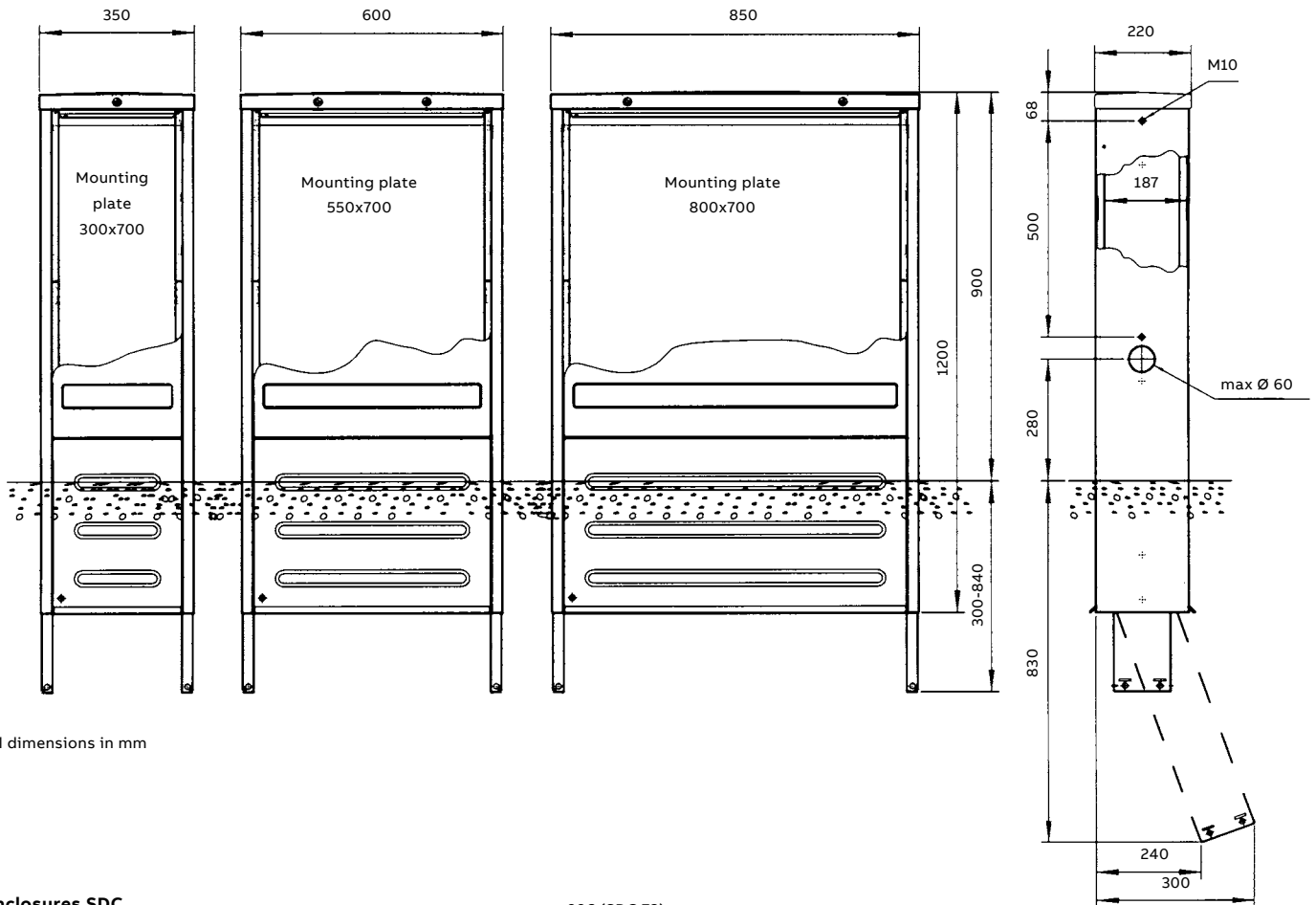
VF 100

Designation	Suitable for	ID number	Dimensions			Weight
			Height mm	Width mm	Depth mm	
VF-S 30	SDC	2CGX053310643	520	40	35	0.5
FV	CDC, SDC	2CGX063190225	50	85	135	1.9
VF 100	CDC, SDC	2CGX053310678	40	35	258	0.2

## Dimension drawings

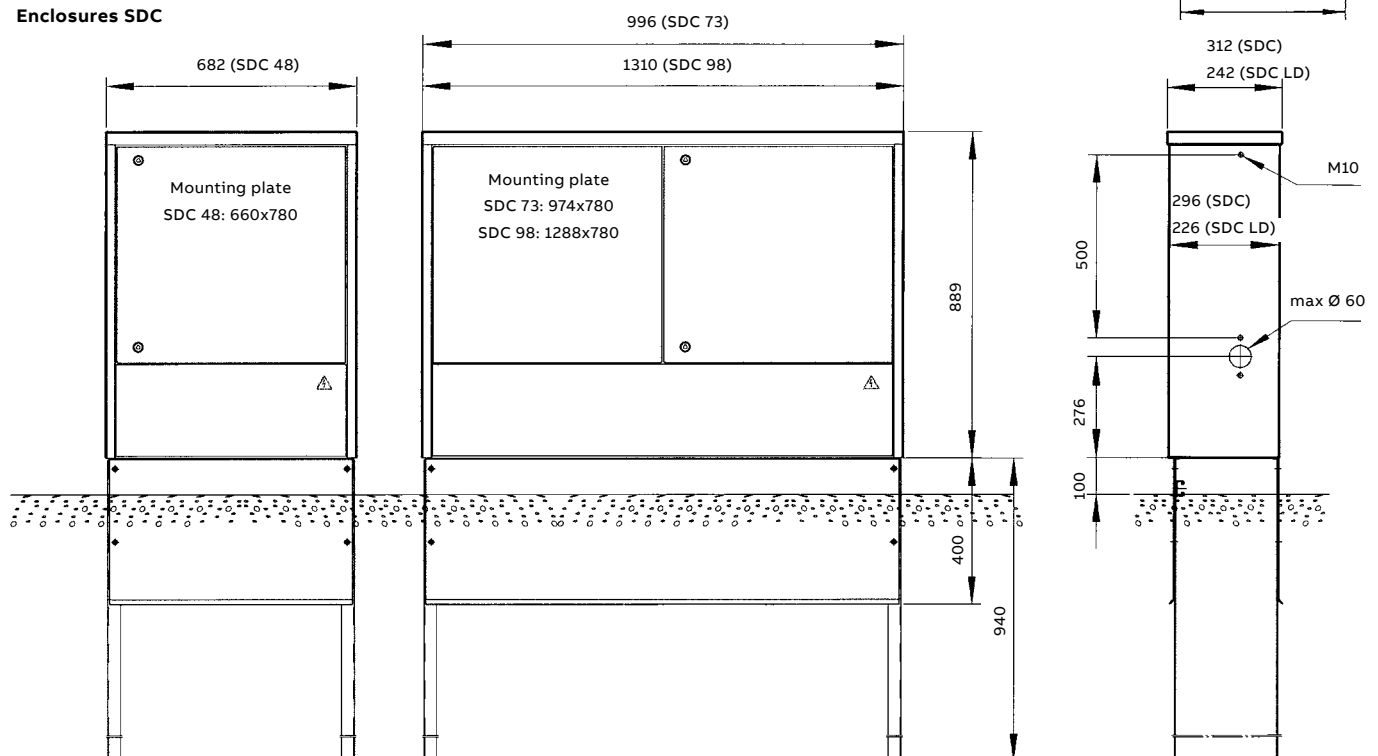
### Enclosures CDC, SDC

#### Enclosures CDC



All dimensions in mm

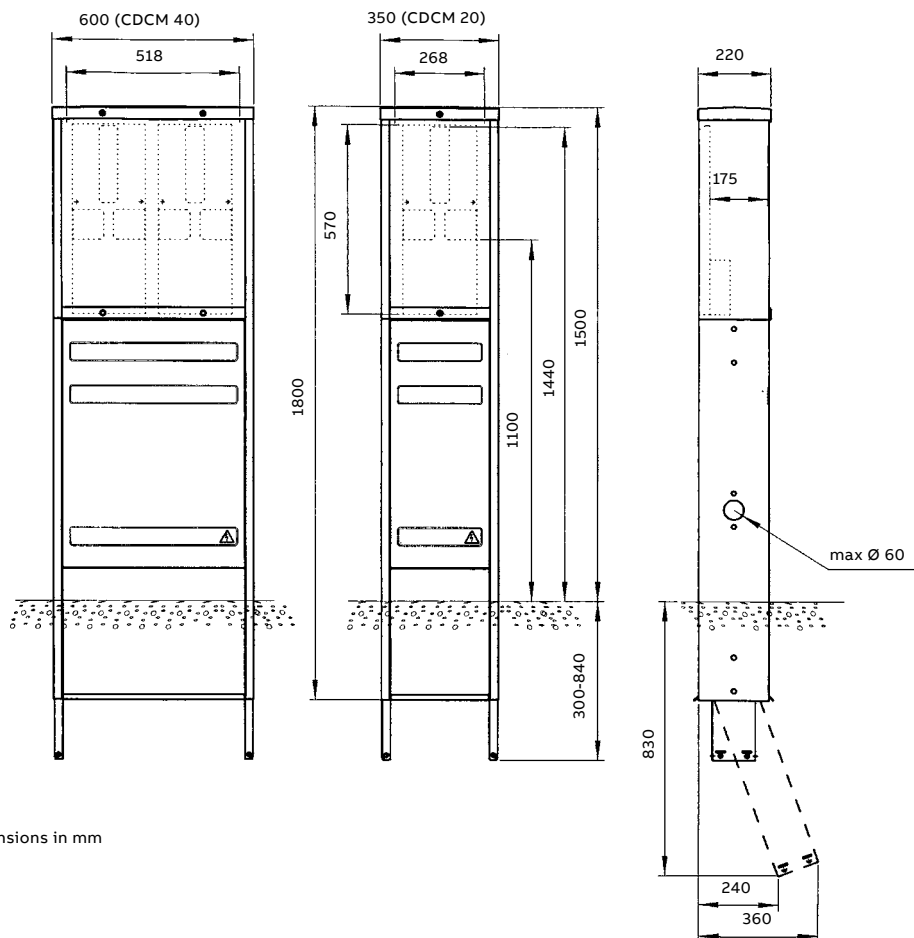
#### Enclosures SDC



## Dimension drawings

### Enclosures CDCM

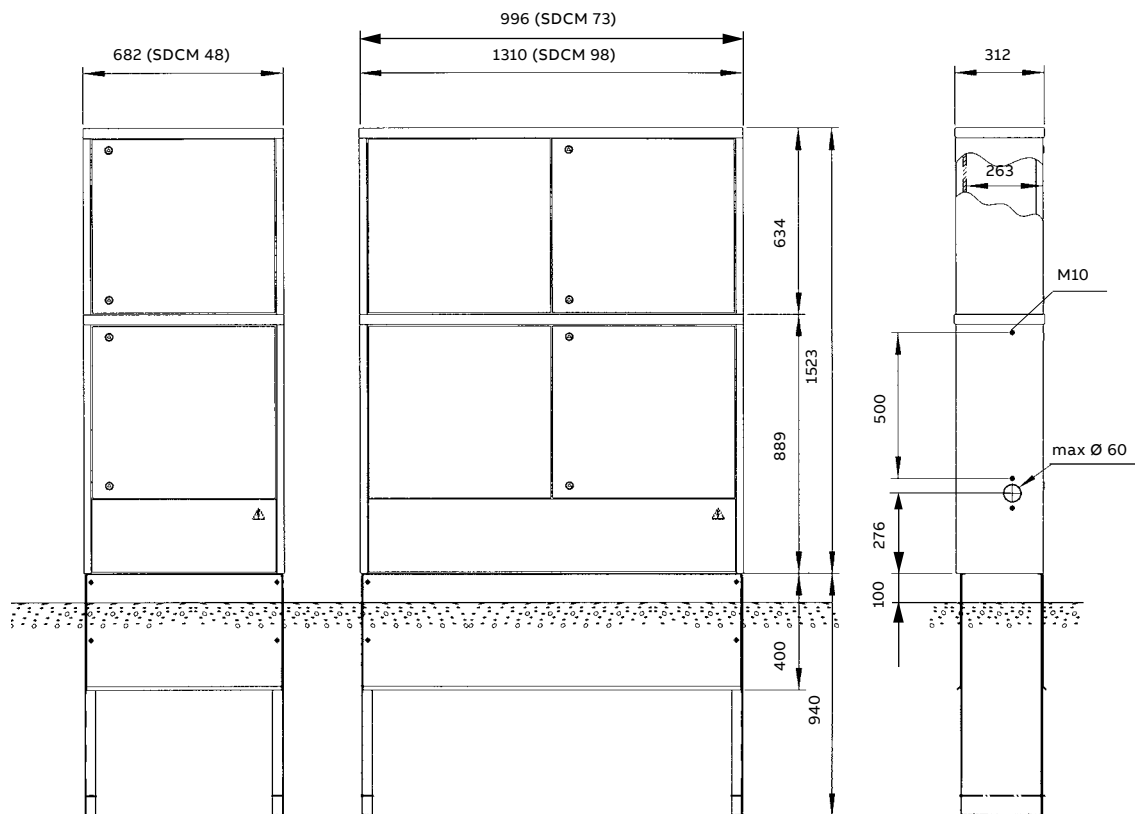
#### Enclosures CDCM with upper section



## Dimension drawings

### Enclosures SDCM

#### Enclosures SDCM with upper section



All dimensions in mm



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