

HIGH AND LOW VOLTAGE SWITCHGEAR SERIES

DFW-12

Outdoor cable distribution box



Overview

European cable split-box is widely used in power distribution network in recent years in the cable engineering equipment, its main characteristics are two-way door, the use of wall bushing as a connection busbar, with a small length, clear cable arrangement, three-core cable does not need large span cross and other significant advantages. The cable connector used conforms to DIN47636 standard. Generally use rated current 630A bolted connection type cable joint.

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Model meaning

DFW	□	-	□	□
↓	↓		↓	↓
Cable distribution box	Voltage level		Circuit number (Total number of incoming and outgoing lines in a phase)	A indicates a lightning arrester The default value is none

Conditions of use

- Ambient temperature: maximum temperature: +40°C , minimum temperature -30°C ;
- Wind speed: equivalent 34m/s(not more than 700Pa);
- Humidity: the average daily relative humidity is not more than 95%, the average monthly relative humidity is not more than 95%;
- Shockproof: horizontal acceleration is not more than 0.4m/s², vertical acceleration is not more than 0.15m/s² installation site inclination: not more than 3° ;
- Installation environment: The surrounding air is not significantly polluted by corrosive, flammable gas, water vapor, etc., and there is no violent vibration at the installation site.



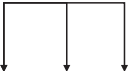
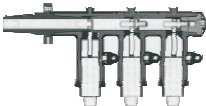
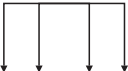
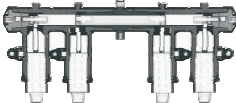
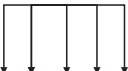
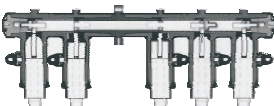
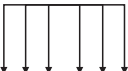

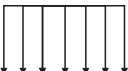



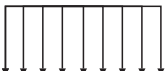
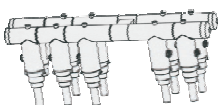
Main technical parameters

Name	Argument
Rated voltage	12kV
Rated current	630A
Dynamic stable current	50kA/0.3s
Thermally stable current	20kA/3s
1min power frequency withstand voltage	42kV
15 min DC withstand voltage	52kV
Lightning impulse withstand voltage	105kV
Case protection class	IP33

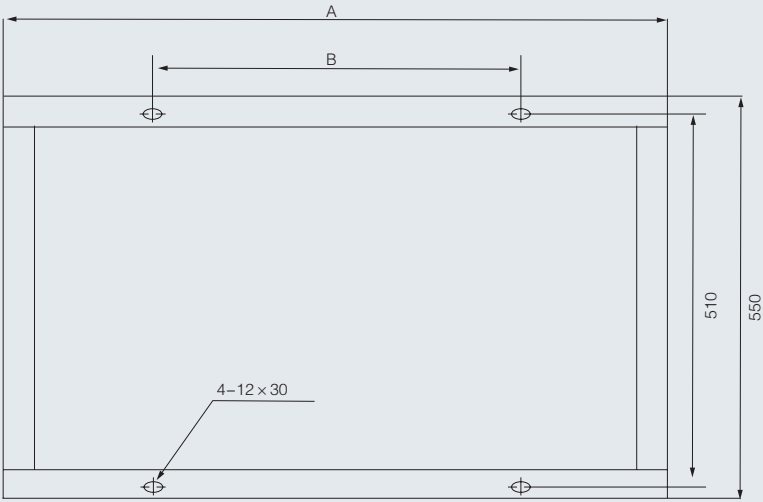
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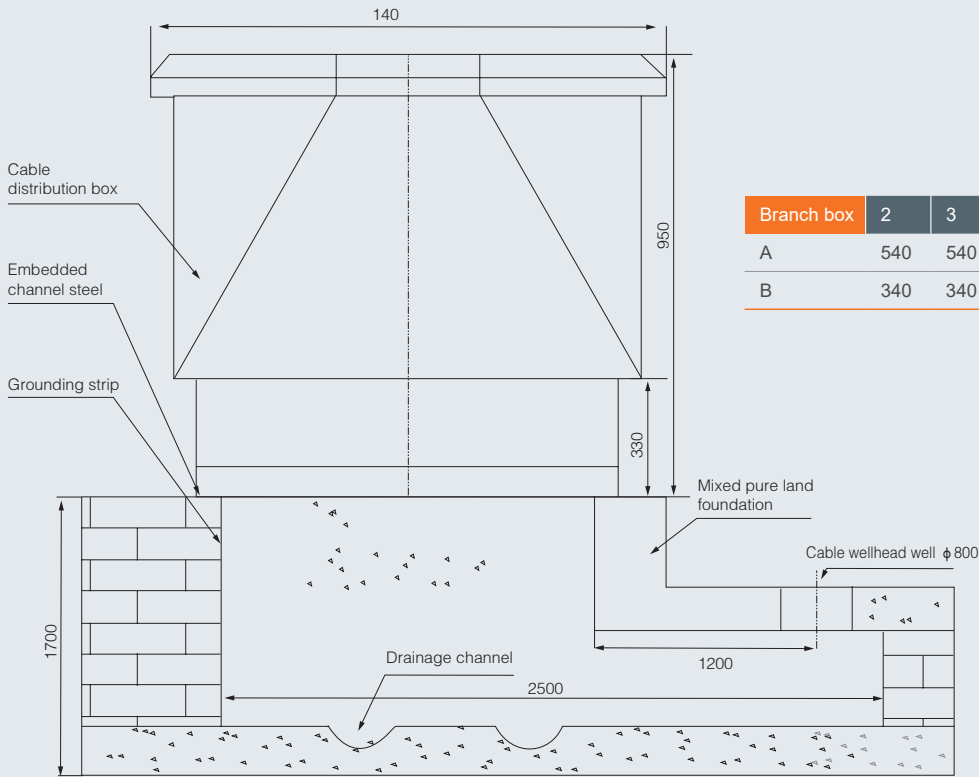
Typical connection scheme

Specification and model	Connection scheme	Internal arrangement	Overall dimensions (mm)
DFW12-2			520×540×950
DFW12-3			520×640×950
DFW12-4			520×740×950
DFW12-5			520×840×950
DFW12-6			520×940×950
DFW12-7			520×1040×950
DFW12-8			680×940×1100
DFW12-9			680×840×1100

European cable distribution box foundation drawing



Foundation installation dimensions



Branch box	2	3	4	5	6	7
A	540	540	740	840	940	1040
B	340	340	540	640	740	840

Foundation plan