

DFW-12

系列电缆分支箱 Cable distribution boxes

吾心求索·通享未来

得益于多年的电气产品研发和制造经验，索通电气为您提供结合了先进技术和卓越工程设计的高压开关设备；系列产品符合智能化、安全性和可靠性要求最严苛的标准。该系列能为公共配电、工业和楼宇领域提供极具成本效益的解决方案，提高竞争力。



带开关电缆分支箱



节能型
Energy Saving



智能化
Intellectualization



易维护
Easy Maintenance



安全性
Safety

DFW-12

系列电缆分支箱

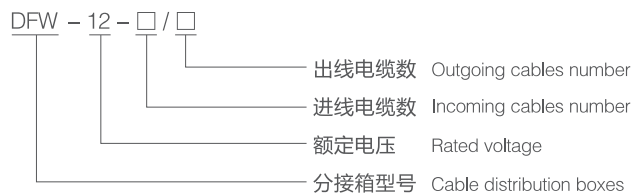
Cable distribution boxes



功能及特点 Product advantages

- 全绝缘、全密封结构，可保证人身安全；
- 户外型、防尘、防潮、抗洪水、耐腐蚀、环境适应性强；
- 组合灵活，进出线从二路到六路，满足多种接线要求；
- 体积小、结构紧凑、外形美观大方、安装简单、免维护；
- 可带电显示器；
- 可带短路指示器；
- 可带避雷器。
- 本产品符合GB/T11022《高压开关设备和控制设备标准的共用技术要求》、GB11033.1~3《额定电压35kV以下电力电缆附件基本技术要求》、JB/T10840-2008《3.6kV~40.5kV高压交流金属封闭电缆分接开关设备》、GB3906-2006《3.6kV~40.5kV交流金属封闭开关设备和控制设备》标准的要求。
- Full insulation, complete sealing, personnel safety protection
- Outdoor type, dustproof, anti-damp, withstand flood, anti-corrosion, suitable for different ambient conditions
- Various combination, 2~6 loops of incoming or outgoing lines, meet with different wiring demand.
- Small size, compact structure, good figure, easy installation, free of maintenance
- Optional voltage indicator
- Optional short circuit fault indicator
- Optional arrester
- Comply with GB/T11022 Common specifications for high-voltage switchgear and controlgear, GB11033.1~3 Basic technical requirements for power cable accessories with rated voltages up to 35kV, JB/T10840-2008 High-voltage alternating-current metal-enclosed power cable branching switchgear for rated voltages above 3.6kv and up to and including 40.5kv, GB3906-2006 Alternating-current metal-enclosed switchgear and controlgear for rated voltages above 3.6 kV and up to and including 40.5 kV standard.

型号及含义 Model and meaning



正常使用条件 Normal service conditions

- 环境温度：上限+40℃，下限-15℃(特殊工艺下，可达-45℃)；
- 海拔高度不超过2500m(特殊工艺下，可达4000m)；
- 相对湿度：日平均值不大于95%，月平均值不大于90%；
- 安装场所：无火灾、爆炸危险、化学腐蚀性气体及通风良好的场所，地面倾角不大于3°；
- 注：超出上述正常使用条件时，用户可与制造厂协商确定。
- Ambient air temperature:
Maximum air temperature: +40℃,
Minimum air temperature: -15℃ (Under a special process, up to -45 °C);
- Altitude: ≤ 2500m(Under a special process, up to 4000m);
- Humidity:
Daily average value of relative humidity: ≤95%
Monthly average value of relative humidity: ≤90%
- The ambient air is not significantly polluted by dust, smoke, corrosive and/or flammable gases, vapours or salt.
- Notes: If the operating conditions exceed the normal conditions, please contact our technical department.

DFW-12

系列电缆分支箱
Cable distribution boxes



主要技术参数 Technical specifications

电缆分支箱额定参数 Main technical data of the cable distribution boxes		
名称 Description	单位 Unit	参数 Specifications
额定电压 Rated voltage	KV	12
额定电流 Rated current	A	630
额定频率 Rated frequency	Hz	50
额定短时耐受电流 Rated short-time withstand current	KA/s	20/3
额定峰值耐受电流 Rated peak withstand current	KA	50
1min工频耐受电压 Rated power frequency withstand voltage(1min)	kV	45
雷电冲击电压(峰值) Rated lightning impulse withstand voltage	kV	105
联接点电阻 Contact Resistance	u Ω	40
导体工作温度 Conductor temperature	°C	≤95
局部放电 Partial discharge		≤10pc/13kV
潮湿试验 Humidity test		11KV/100h通过
适用电缆类型 Cable type		XLPE
适用电缆截面 Wire range	mm ²	25~400
适用环境温度 Ambient air temperature	°C	-40~50
适用海拔高度 Altitude	m	≤3000

带开关电缆分支箱额定参数 Main technical data of Load Switch			
名称 Description	单位 Unit	FLN ₄₈ ³⁶ -12D/T630-20	FLRN ₄₈ ³⁶ -12D/T125-31.5
接地回路额定短时耐受电流 Rated short-time withstand current of earthing circuit	kA	20	20
额定短路持续时间 Rated short-circuit duration	s	2	2
额定峰值耐受电流 Rated peak withstand current	kA	50	50
额定短路关合电流 Rated short-circuit breaking current	kA	50	50
额定有功负载开断电流 Rated active load breaking current	A	630	630
额定闭环开断电流 Rated closed loop breaking current	A	630	630
额定电缆充电电流 Rated cable charging breaking current	A	10	10
额定开断空载变压器容量 Rated capacity of breaking non-load transformer	kVA	1250	1250
额定转移开断电流 Rated short-circuit transfer current	A	-	1700
机械寿命 Mechanical endurance	次times	5000	5000



结构及尺寸 Structure and Dimensions

DFW系列分支箱基础图 Installation foundation plans

