



XLPE絕緣線纜相較於一般 RVV線纜多出30%的載流量
2.0mm²即可負擔16A 4.0mm²即可負擔32A
XLPE insulated cable compared to general RVV cable
30% more current carrying capacity.
2.0mm² can afford 16A 4.0mm² can afford 32A



3PHASE 32A

3P-4K32A2D3P-30M
32A 3PHASE KYJV 4mm²
+2pair DMX 30M



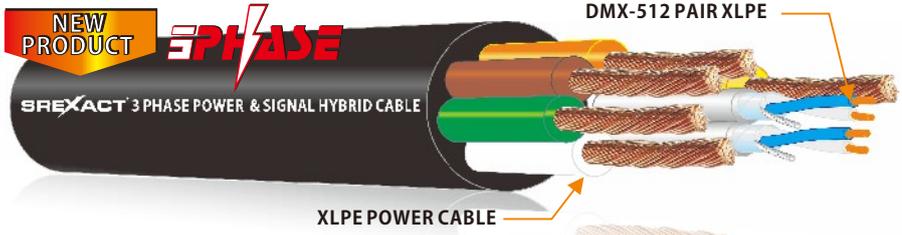
3PHASE 16A

3P-2K16A2D3P-30M
16A 3PHASE KYJV 2mm²
+2pair DMX 30M

3P-2R516A2D3P-30M
16A 3PHASE RVV 2.5mm²
+2pair DMX 30M

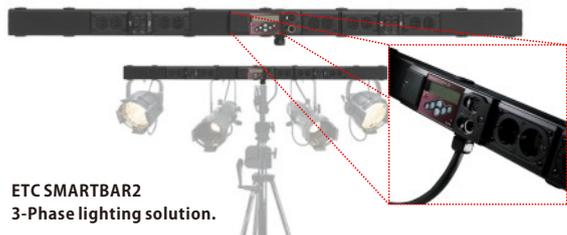


3P-6R32AHC3-1.5M
32A CEE TO 3*32A power connector
HC3: 3*SVP592HC
32A: 32Amps 6:6.0MM²
3P: 3Phase series



在電源傳輸系統中使用效率最高就是三相電源傳輸!
連PE接地保護總計5蕊,卻可以傳輸三相電源,
比起使用三蕊傳輸單相,有著用銅量少,成本低的優勢!
時至今日,燈具面貌大幅改變,使用大量的LED與變壓器內帶的燈具,
傳統單相單迴路線纜已無長距離存在必要!
我們倡議全面改用三相電源分配電力到達TRUSS上!
為了簡化工作,我們將電源與信號線組合成一條纜線,便於用戶布放,
由於考慮到搖頭燈具與染色燈具的控台或位置配置,
因此設計了兩條DMX信號線複合到其中,以便於使用!
電源線纜使用XLPE,使其具有較高工作溫度/較高承受電流,
並且難以燃燒!是可靠安全的設計!

ITEM	LOAD AMPS	CONDUCTOR.導體	POWER CABLE	DATA CABLE	O.D./mm
3071500032	32A	3PHASE 4 mm ²	(80/0.254+XLPE4.1) *5C,	25AWG 0.178mm ²	15.0
3071500053	16A	3PHASE 2.5 mm ²	(50/0.254+XLPE3.5) *5C	(7/0.18BC+XLPE1.6)*2C+NYLON FIBER+DW7/0.18TC+ AL-FOIL+PVC 4.0	13.5



ETC SMARTBAR2
3-Phase lighting solution.



典型的三相電源32A 轉換為單相16A*6 接線盒
Typical 3phase 32A converted to 16A * 6 single-phase junction box

6*Single phase 15A @ 19pin

CH	P1/2/3	Neutral	Earth
1	pin1@P1	pin2	pin3
2	pin4@P1	pin5	pin6
3	pin7@P2	pin8	pin9
4	pin10@P2	pin11	pin12
5	pin13@P3	pin14	pin15
6	pin16@P3	pin17	pin18

WIRE=2.0mm²
total=36mm²

3 phase 30A@19pin

CH	P1/2/3	Neutral	Earth
1	pin1@P1	pin2	pin3
2	pin4@P1	pin5	pin6
3	pin7@P2		
4	pin10@P2		
5	pin13@P3		
6	pin16@P3		

WIRE=2.0mm²
total=20mm²



因為無須調光,因此我們可以讓三相進行到最後!
Without dimmer, Let 3 phase to final!

3phase Save 8*2.0mm² wire
三相傳輸 省下8*2.0mm² 銅線

15A *6 *1PHASE @ 18C 2.0mm² =90A@36mm²
30A * 3PHASE @ 10C 2.0MM² =90A@20mm²
19PIN SYSTEM UPDATE



XLPE KYJV CABLE

32A * 3PHASE@5C 4mm² =96A@ 20mm²
32A 3PHASE CEE CONNECTOR

更大電流 更少銅絲 More current, less copper wire!!

The highest efficient usage on power transmission system is a 3phase power transmission.
Totaled 5 cores include PE wire, can transmit 3phase power, comparing with the usage of three cores single-phase transmission, has the advantage with less copper and low cost.
Nowadays, lighting appearance is significantly changed, using a large number of LED lamps with transformer included. Therefore, the cable with traditional single-phase & single-loop is not necessary existed in long distance.
We propose comprehensive to use three-phase power supply distributing electricity reached to TRUSS. To simplify the work, we combine the power with signal cables into one cable, easily for user to laying cable.
Since considering the configuration of console and location on moving lighting fixture with stained fixture, we therefore designed two DMX signal cables composited inside for easy usage!
Using XLPE on power core wire, to make its working temperature and bearing current can reach higher, and difficult to be burn. It's a reliable and safe design!



XLPE insulation from SOLAR

SOLAR CABLE uses XLPE material, allowing operation in the -40 °C ~ +90 °C environment, because the environment is under the sun high temperature exposure and at night low temperature, it's required to have 20 years of life!
SOLAR CABLE 使用XLPE 材料,允許在-40°C~ +90°C的環境下操作,因為所處環境是在太陽高溫曝曬與夜間低溫下,被要求有20年壽命!

