

HAWK DRIVER 477 KCMIL		
No.	Description	Minimum requirements
General Data		
1	Brand	TTF POWER
2	Country of manufacture	China
3	Catalog	YES
4	Stress-strain diagram	YES
Electrical Specifications		
5	Ampacity	659 amperes (based on 75° C conductor temperature, 25° C ambient and a wind speed of 0.6 m/s)
6	DC resistance at 20 °C	0.116Ω/km
7	Emissivity coefficient	Required by design
8	Solar absorption coefficient	Required by design
9	Modulus of elasticity (ME)	7700 hBar
10	Coefficient of linear dilatation (CDL)	18.9*10-6
Mechanical Specifications		
11	Resistance to breakage	8,825 kgf
Physical Specifications		
12	Caliber	477 KCMIL
13	Type	ACSR
14	Structure	26/7 yarns
15	Full diameter	21.77 mm
16	Weight	975 - 980 kg/km
17	Keyword	HAWK
Construction Standards		
18	Standards	ASTM B-232, ASTM B-498