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Leading company in development and production of disconnect and rotary cam switches.



Power distribution switchgear for low voltage and medium voltage applications.





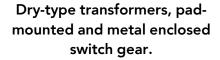


Terminations and splice kits. Heat shrink tubing.

New and reconditioned medium and high voltage transformers.

Meter mounting equipment.







Extendable breaker racking tool for arc flash hazard reduction.

Contact Us:

Lindsey Hartz

Inside Sales Admin (724) 762 - 0009 lindseyhvss@gmail.com

Don Hargenrader

Sales Engineer (724) 699 - 1453 donhvss@gmail.com

Keith Rypcyzk

Staff Electrical Engineer (412) 523-0238 keithhvss@gmail.com

Ken Vojnik

Sales Engineer (412) 303 - 5759 kenhvss@gmail.com

Jason Strawser

Sales Engineer (412) 337-0425 jstrawser@gmail.com

www.highvoltagesolutions-sales.com 359 Vine Ave, Sharon, PA 16146

National Electrical Code Allowable Ampacities of Insulated Conductors Rated 0-2000 Volts

As Excerpted from the 2002 National Electrical Code

Ampacities of Not More Than Three Current-Carrying Conductors in Raceway, Calife or Earth. Based on

Amphient Temperature of 30°C (86°F)

		Copper Conducto	rs				
		engenture Rating of Don		T			
SIZE AWG OR koml	60°C	75°C TYPES IDEN THEN THEN DISEN	90°C Tores tores tores trenv trevs trevs	60°C Trines	75°C	90°C	SIZE
	TYVES .				TYPES this think this them	TYPES THREE THREE THREE THREE THREE THREE THREE THREE THREE	AWG OR komil
Transport -		9666 UIII	Sout Cases	- 14	thinks usit	XHONE USES	
141*	20	20	25				*
12**	25	25	30	20	20	25	12*
10"	30	35	40	25	30	35	10*
8	40	50	55	30	40	45	8
6	55	65	75	40	50	60	6
4	70	85*	95*	55	65	75	4
3 2	85	100*	110'	65	75	85	3
	95	115*	130*	75	90*	100°	2
1	110	130*	150*	85	100*	115'	1
1/0	125	150°	170'	100	1201	135'	1/0
2/0	145	175*	195*	115	135*	150'	2/0
3/0	165	200*	225*	130	155*	175'	3/0
4/0	195	230°	260*	150	180°	205'	4/0
250	215	255*	290*	170	205*	230'	250
300	240	285	320	190	230*	255'	300
350	260	310*	350°	210	250*	280'	350
400	280	335*	380*	225	270	305	400
500	320	380	430	260	310*	350*	500
600	355	420	475	285	340*	385'	600
700	385	460	520	310	375	420	700
750	400	475	535	320	385	435	750
800	410	490	555	330	395	450	800
900	435	520	585	355	425	480	900
1000	455	545	615	375	445	500	1000
1250	495	590	665	405	485	545	1250
1500	520	625	705	435	520	585	1500
1750	545	650	735	455	545	615	1750
2000	560	665	750	470	560	630	2000

	-Line)		r pearly and configurations and		e _{periodo} a de la composição de la comp	
KVA Rating	120 V	238 V	249 V	277 V	480 V	600
.050	.42	24	.21	.18	.10	.08
.075	.63	.36	.31	.27	.16	.13
.100	.83	.48	.42	.36	.21	.17
.150	1.25	.72	.63	.54	.31	.25
.250	2.08	1.20	1.04	.90	.52	.42
.500	4.16	2.40	2.08	1.8	1,04	.83
.750	6.25	3.60	3.13	2.7	1.56	1.25
1	8.3	4.8	4.2	3.6	2.1	1.7
1.5	12.5	7.2	62	5.4	3.1	2.5
- 2	16.7	9.6	8.3	7.2	4.2	3.3
3	25	14.4	12.5	10.6	6.2	5.0
5	41.7	24	20.8	18.0	10.4	8.3
7.5	62.5	36.1	31.2	27	15.6	12.5
10	83.4	48	41.6	36	20.8	16.7
15	126	72	62.5	54	31.2	25
25	208	120	104	90	52	41.7
37.5	312	180	156	135	78	62.9
50	417	240	208	180	104	83.6
75	625	361	312	270	156	125
100	834	480	416	361	208	167
167	1396	805	698	602	349	279

II Load Currents (In Amperes) For Three-Phase Transfort tage (Line-to-Line)							
KVA Rating	208 V	240 V	481 V	600 V			
3	8.3	7.2	3.6	2.9			
6	16.6	14.4	72	5.8			
9	25	21.6	10.8	8.7			
15	41.6	36.0	16.0	14.4			
30	83	72	36	29			
45	125	108	54	43			
75	208	180	90	72			
112.5	312	270	135	108			
150	416	360	180	144			
225	625	542	271	217			
300	830	720	360	290			
500	1390	1200	600	480			
750	2080	1800	900	720			

For Other Single-Phase KVA Ratings or Voltages

Amperes = KVA x 1000
Volts

For Other Three-Phase KVA Ratings or Voltages

Amperes = KVA x 1000
Volts x 1 732

NEMA electrical motor starters refer to a standardized rating system for the electrical performance of the most common style of American-built motor starters. NEMA starters are rated by size: 00, 0, 1, 2, 3, 4, 5, 6 and 7.

Three Phase Motors - Maximum electrical motor horsepower for different NEMA starters for three phase motors can be found in the table below:

Maximum Horsepower (hp)										
	NEMA	Full Voltage Starting			Part Winding Starting			Wye Delta Starting		
NEMA Size	Continuous Amp Rating (amps)	200V	230V	460V 575V	200V	230V	460V 575V	200V	230V	460V 575V
00	9	1 1/2	1 1/2	2				-		
0	18	3	3	5						
1	27	7.5	7.5	10	10	10	15	10	10	15
2	45	10	15	25	20	25	40	20	25	40
3	90	25	30	50	40	50	75	40	50	75
4	135	40	50	100	75	75	150	60	75	150
5	270	75	100	200	150	150	350	150	150	300
6	540	150	200	400		300	600	300	350	700
7	810		300	600		450	900	500	500	1,000

Single Phase Motors - Maximum horsepower with full voltage starting and two pole contactors are indicated below:

Maximun	n Horsepow	er (hp)
NEMA Size	115 volts	230 volts
00	1/3	1
0	1	2
1	2	3
2	3	7.5
3	7.5	15