TD11B

Allowable insulated aluminum conductor ampacities for insulated conductors or cables rated not more than 5000V and unshielded for the installation configurations of Diagram D11

Size, AWG or kcmil	1/Phase Detail 1	2/Phase Detail 2	3/Phase Detail 3	4/Phase Detail 4	5/Phase Detail 5	6/Phase Detail 6	8/Phase Detail 8
1/0	157	143	131	122	114	108	101
2/0	179	162	148	138	129	122	114
3/0	205	184	168	157	146	138	129
4/0	235	210	192	178	165	156	146
250	258	231	210	195	180	171	159
300	286	255	232	215	199	188	175
350	312	278	252	233	215	204	189
400	337	299	271	250	231	218	203
500	382	337	305	281	259	245	227
600	424	373	336	309	285	269	249
750	478	419	376	346	318	300	278
900	527	459	412	378	347	327	303
1000	555	483	433	397	364	343	318
1250	626	541	482	441	404	380	351
1500	679	585	520	475	435	409	377
1750	724	621	552	503	461	432	399
2000	777	646	573	522	477	448	413

1. This table provides the allowable ampacities for 90°C rated aluminum conductor cables containing not more than three current-carrying conductors or three single aluminum current-carrying conductors in contact, installed in underground raceway.
2. Underground ampacities for an insulated conductor or cable temperature of 75°C may be obtained by multiplying the appropriate allowable ampacity at 90°C conductor insulation temperature by the derating factor 0.886.
3. See Rule 4-006 for equipment termination temperature requirements.

TD11B MODIFIED

Allowable insulated aluminum conductor ampacities for insulated conductors or cables rated not more than 5000V and unshielded for the installation configurations of Diagram D11

Size, AWG or kcmil	**X1**/Phase Detail 1 **total**	**X2**/Phase Detail 2 **total**	**X3**/Phase Detail 3 **total**	**X4**/Phase Detail 4 **total**	**X5**/Phase Detail 5 **total**	**X6**/Phase Detail 6 **total**	**X8**/Phase Detail 8 **total**
1/0	139.1	253.4	348.2	432.4	505.0	574.1	715.9
2/0	158.6	287.1	393.4	489.1	571.5	648.6	808.0
3/0	181.6	326.0	446.5	556.4	646.8	733.6	914.4
4/0	208.2	372.1	510.3	630.8	731.0	829.3	1,034.8
250	228.6	409.3	558.2	691.1	797.4	909.0	1,127.0
300	253.4	451.9	616.7	762.0	881.6	999.4	1,240.4
350	276.4	492.6	669.8	825.8	952.5	1,084.5	1,339.6
400	298.6	529.8	720.3	886.0	1,023.3	1,158.9	1,438.9
500	338.5	597.2	810.7	995.9	1,147.4	1,302.4	1,609.0
600	375.7	661.0	893.1	1,095.1	1,262.6	1,430.0	1,764.9
750	423.5	742.5	999.4	1,226.2	1,408.7	1,594.8	1,970.5
900	466.9	813.3	1,095.1	1,339.6	1,537.2	1,738.3	2,147.7
1000	491.7	855.9	1,150.9	1,407.0	1,612.5	1,823.4	2,254.0
1250	554.6	958.7	1,281.2	1,562.9	1,789.7	2,020.1	2,487.9
1500	601.6	1,036.6	1,382.2	1,683.4	1,927.1	2,174.2	2,672.2
1750	641.5	1,100.4	1,467.2	1,782.6	2,042.2	2,296.5	2,828.1
2000	688.4	1,144.7	1,523.0	1,850.0	2,113.1	2,381.6	2,927.3

1. This table provide the **TOTAL** allowable ampacities for parallel runs at **75**°C rated aluminum conductor cables containing not more than three current-carrying conductors or three single aluminum current-carrying conductors in contact, installed in underground raceway.