

PI	summary	recommendation
1021	This is a PI from the NEC PoE Task Group	Support, we've examined the rationale from the NEC PoE TG and agree with it.
1022	This is a PI from the NEC PoE Task Group	Support, we've examined the rationale from the NEC PoE TG and agree with it.
3664	Wants to add the following words to the marking shall: The power sources for limited power circuits in 725.121(A)(3) and limited power circuits for listed audio/video information technology (equipment) and listed industrial equipment in 725.121(A)(4) shall have a label indicating the maximum voltage and nominal current output for each power source connection point on the equipment.	This section is about the power source and only the power source. the change is unnecessary but the commenter is correct that the labelling is only on the equipment. TG2 currently proposes to resolve with the response: Indicating that the marking for the source of system indicates that the marking does not apply to down stream equipment. We agree with this resolution.
71	Wants to change this text: (1) Classed as Communications Circuits. Class 2 and Class 3 circuit conductors shall be permitted in the same cable with communications circuits, in which case the Class 2 and Class 3 circuits shall be classed as communications circuits and shall be installed in accordance with the requirements of Article 800. The cables shall be listed as communications cables. to: (1) In Communications Cables. Class 2 and Class 3 circuit conductors shall be permitted in the same listed communications cable with communications circuits.	TG2 has proposed this remedy: Conductors of one or more Class 2 or Class 3 circuits shall be permitted in the same cable with conductors of communications circuits provided the cable is a listed communications cable. The communications cable shall be installed in accordance with the requirements of Article 800. We agree with this resolution.
1012	Wants the whole numbers in the table 725.144 to have '.0' added to prevent people from interpreting a rounding rule. For example, contends 1 could be interpreted as 1.4.	Accept and introduce a rule of rounding for this table. (+/- .5) OR Would agree if we extend all the numbers and extend the precision (take the precision out to the second decimal place i.e. 10s of mA and truncate, use the numbers from the SPI FFR). TG2 has agreed to extend the precision out to two decimal places based on the values in the proposal to the task group. We agree with this resolution.
1023	This is a PI from the NEC PoE Task Group	Support, we've examined the rationale from the NEC PoE TG and agree with it.
1026	This is a PI from the NEC PoE Task Group	Support, we've examined the rationale from the NEC PoE TG and agree with it.
1864	Wants to add: Informational Note 3: See ANSI/TIA-568.0-D-2015, Generic Telecommunications Cabling for Customer Premises and ANSI/TIA-568-C.2-2009, Balanced Twisted-Pair Telecommunications Cabling and Components Standard for industry practices on cabling used to transmit power and data.	This is accommodated by 1026. If 1026 is not accepted support this.
1920	Wants to change: The requirements of 725.144(A) and (B) to: The requirements of 725.144(A) or 725.144 (B) and add: Exception: Comply shall not be required for installations where the cable conductors are 24 AWG or larger and the current does not exceed 0.3 amperes in any conductor.	TG2 currently proposes to add the text "the cable conductors are 24 AWG or larger and" to the exception added by PI 1024. We agree with this resolution.
1024	This is a PI from the NEC PoE Task Group	Support, we've examined the rationale from the NEC PoE TG and agree with it.
1921	Adds the word table to this sentence: For ambient temperatures above 30°C (86°F), the correction factors of Table 310.15(B)(2)(a) shall apply.	TG2 currently proposes to change "the correction factors of 310.15(B)(2)" to "the correction factors of Table 310.15(B)(2)(a) or Equation 310.15(B)(2)". We agree with this resolution.
1025	This is a PI from the NEC PoE Task Group	Support 1025, 1922, 417, and 697 were combined and resolved by 1025 with this resolution by TG2: Section 725.144(B) (B) Use of Class 2-LP or Class 3-LP Cables to Transmit Power and Data. Types CL3P-LP, CL2P-LP, CL3R-LP, CL2R-LP, CL3-LP, or CL2-LP shall be permitted to supply power to equipment at a nominal current level up to the marked current limit located immediately following the suffix LP and shall be permitted to transmit data to the equipment. Installation of LP cables in bundles of 192 or fewer cables shall be permitted to use the ampacities in Table 725.144 above the marked LP current limit. For ambient temperatures above 30°C (86°F), the correction factors of Table 310.15(B)(2)(a) or Equation 310.15(B)(2) shall apply. The Class 2-LP and Class 3-LP cables shall comply with the following, as applicable: Informational Note: An example of a limited power (LP) cable is a cable marked Type CL2-LP(0.5A), 23 AWG. (1) Cables with the suffix "-LP" shall be permitted to be installed in bundles, raceways, cable trays, communications raceways, and cable routing assemblies. (2) Cables with the suffix "-LP" and a marked current limit shall follow the substitution hierarchy of Table 725.154 and Figure 725.154(A) for the cable type without the suffix "LP" and without the marked current limit. (3) System design shall be permitted by qualified persons under engineering supervision. We agree with this resolution.
1922	Adds this text to 725.144(B): For ambient temperatures above 30C (86F), the correction factors of Table 310.15(B)(2)(a) shall apply. without limitations on the number of cables in a bundle . Cables with the suffix "-LP" shall also be permitted to be installed using the ampacity and bundle sizes specified in Table 725.144 even if the ampacity exceeds the LP rating of the cable deletes from informational note 2: however, the LP cable would be suitable for carrying up to 0.5 A per conductor, regardless of the number of cables in a bundle. If used in a 7-cable bundle, the same cable could carry up to 1.2 amperes per conductor.	See resolution to 1025
417	Accepting rewrites 725.144(B) as follows: 725.144(B) Use of Class 2-LP or Class 3-LP Cables to Transmit Power and Data. Types CL3P-LP, CL2P-LP, CL3R-LP, CL2R-LP, CL3-LP, or CL2-LP shall be permitted to supply power to equipment at a current level up to their marked current limit and shall be permitted to transmit data to the equipment. These cables shall also be permitted to supply power to equipment at a current level above their marked current limit in accordance with the bundle size and ampacity limitations of Table 725.144. Class 2-LP and Class 3-LP cables shall comply with the following, as applicable: (1) Cables with the suffix "-LP" shall be permitted to be installed in bundles, raceways, cable trays, communications raceways, and cable routing assemblies. (2) Class 2 and Class 3 LP cables, listed and marked in accordance with 725.179(I) and communications LP cables listed and marked in accordance with 800.179(H) shall follow the substitution hierarchy of Table 725.154 and Figure 725.154(A) for the cable type without the suffix "LP" and without the marked current limit. Communications LP cables shall be permitted to substitute for Class 2 and Class 3 LP cables in accordance with the substitution hierarchy in Table 725.154 provided that the current limit of the communications LP cable is equal to or greater than the current limit of the Class 2 or Class 3 LP cable. (3) System design shall be permitted by qualified persons under engineering supervision.	See resolution to 1025
697	Deletes: If used in a 7-cable bundle, the same cable could carry up to 1.2 amperes per conductor.	See resolution to 1025