

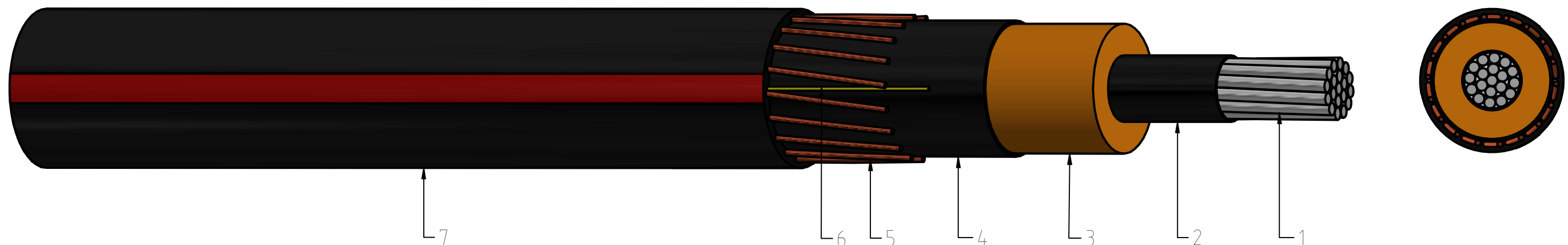
TITLE:

AL CPR-FS, EPR 15 kV 133% IL, CN, LLDPE JACKET 3ERS

DRAWN BY: O.R.G	APPROVED BY: W.R.M	DRAWING No.:	SPECIFICATION / STANDARD	PAGES:
DD / MM / YYYY 22 / 02 / 2021	DD / MM / YYYY 22 / 02 / 2021	(437) UD	ICEA S-94-649	1/1

- 1.- COMPRESSED ALUMINUM CONDUCTOR, CLASS B (FILLED STRAND).
- 2.- EXTRUDED CONDUCTOR SHIELD
- 3.- EPR INSULATION
- 4.- EXTRUDED INSULATION SHIELD

- 5.- CONCENTRIC NEUTRAL COPPER CONDUCTOR.
- 6.- TWO RIPCORDS LONGITUDINALLY APPLIED AT 180° APART.
- 7.- BLACK LLDPE JACKET WITH THREE EXTRUDED RED STRIPES.



MARKING:

CME WIRE AND CABLE 220.0 MILS EPR PE 15 KV 133 % INSUL. LEVEL 1/0 AWG AL _DATE_ NON CONDUCTING JACKET (LIGHTNING BOLT SYMBOL) (SEQUENTIAL MARKING IN FEET)

SIZE AWG	No. STRANDS	CONDUCTOR DIAMETER (mils)	INSULATION THICKNESS (mils)	DIAMETER OVER INSULATION (mils)	CONCENTRIC NEUTRAL WIRE	JACKET THICKNESS (mils)	OVERALL DIAMETER APPROX. (mils)	TOTAL WEIGHT APPROX LBS/MFT
1/0	19	362	220	852	16W14AWG (FN)	50	1152	689

SHIELD FAULT CURRENT
8 cycles = 11.4 kA
16 cycles = 8.1 kA
30 cycles = 5.9 kA

NOTE: THE ABOVE DATA ARE APPROXIMATE AND SUBJECT TO NORMAL MANUFACTURING TOLERANCES