

Chapter 8

Series-Parallel Circuits

Find the words in the grid. Words can go across, down and in the two forward diagonals.

R K X Q L V K K M P H W N P G R N B Y Y T S
 E T M P V Y W K L P L K C O M B I N E N K E
 S R D Z A T Q K M V T T Z Z Y K J Y P B V R
 I C R M V R K T L R N B L X D Q B P K M N I
 S Z N C H Y A Y L B R A N C H E S N N Q T E
 T V M R O R L L D F T P Y V P M R L K I Z S
 A L C Y T M R L L T F G N T N F F M U V N P
 N M R Y V E P T R E R L Q D M B R C K D N A
 C W L W M P Q O C D L E C G C M R Y K W C R
 E V M M F Z V G U L Y Y D K F I N L K R K A
 S M I T G G L F Q N W D M U C K D Z Q L M L
 Q D V L D Z Q Y D Q D B L N C Y C K T Z N L
 B Z R H L P N A H L M C O B P E W L R L P E
 L C Z G C C O N C K F I I N Y R D T G H C L
 T T L F P L Y M S T T V K R Q L W W L H O C
 N N R N T K R E L A W B Q R C P N W R L R I
 L K Y D N R I R N D H K Y B D U L N D L R R
 M R W J W R D I T R G G F W Z W I R D P O C
 Z H N W E P B B M W H T K J M J Q T Y N S U
 T Z Q S P M V J V L F A U L T R G T Z N I I
 R P Z D O V W J R J R K M T N R D M K B O T
 T V N C E L E C T R I C A L F A U L T Y N S

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|---------------------|--------------------------|
| Branches | Fault |
| Combination circuit | Load |
| Combine | Parallel |
| Compound circuit | Reduced |
| Corrosion | Resistances |
| Dimmer | Series |
| Electrical fault | Series parallel circuits |