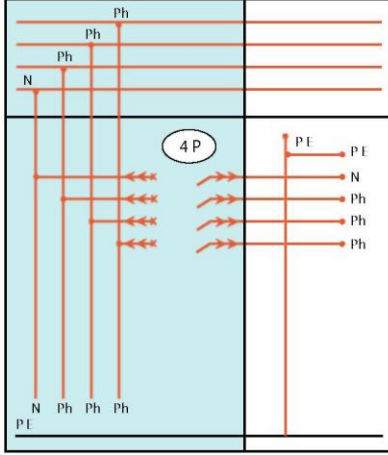


## EK 6: SİSTEM TOPRAKLAMA TÜRÜ

### ■ 6.1 GÜÇ KAYNAĞI ÇEŞİTLERİ VE KORUYUCU İLETKEN KESİTLERİ

#### ■ TN-S

TN-S : 1/1 Kesit

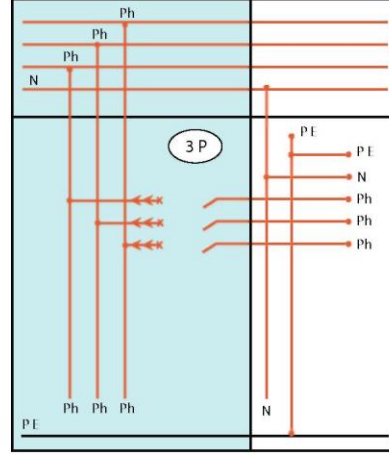


**ANA BARA:**  
Fazlar = Kesit: A  
Nötr (N) = A  
Topraklama (PE) = A/2

**DİKEY BARA:**  
Fazlar = Kesit: B  
Nötr (N) = B

**KABLO MODÜLÜ:**  
Topraklama (PE) = B/2

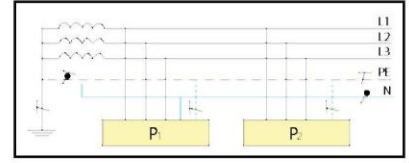
TN-S : 1/2 Kesit



**ANA BARA:**  
Fazlar = Kesit: A  
Nötr (N) = A/2  
Topraklama (PE) = A/4

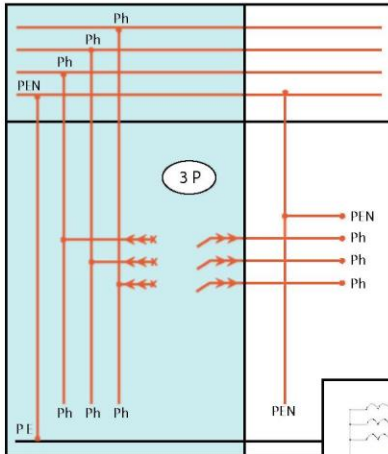
**DİKEY BARA:**  
Fazlar = Kesit: B

**KABLO MODÜLÜ:**  
Nötr (N) = B/2  
Topraklama (PE) = B/4



#### ■ TN-C (PEN)

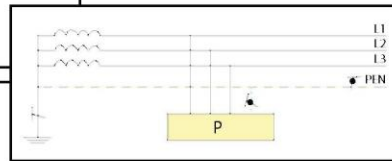
TN-C : 1/2 Kesit



**ANA BARA:**  
Fazlar = Kesit: A  
PEN = A/2  
Topraklama (PE) = 1x50/10

**DİKEY BARA:**  
Fazlar = Kesit: B

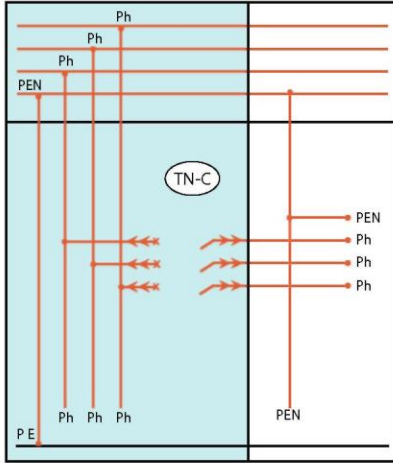
**KABLO MODÜLÜ:**  
PEN = B/2



## EK 6: SİSTEM TOPRAKLAMA TÜRÜ

### ■ TN-C -S

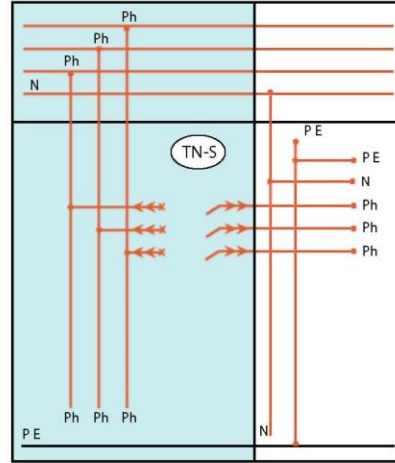
TN-C-S : 1/2 Kesit



**TN-C Kesit**  
**ANA BARA:**  
 Fazlar = Kesit: A  
 PEN = A/2  
 Topraklama (PE) = A/4

**DİKEY BARA:**  
 Fazlar = Kesit: B

**KABLO MODÜLÜ:**  
 PEN = B/2

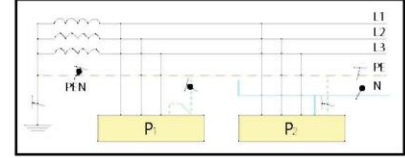


**TN-S Kesit**  
**ANA BARA:**  
 Fazlar = Kesit: A  
 PEN = A/2  
 Topraklama (PE) = A/4

**DİKEY BARA:**  
 Fazlar = Kesit: C

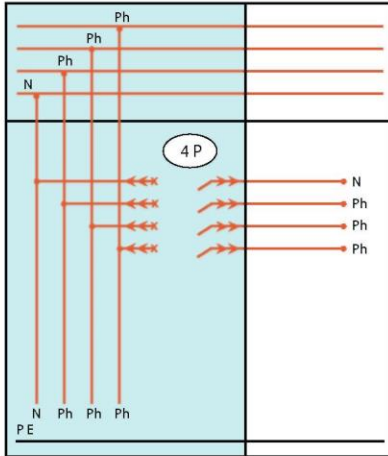
**KABLO MODÜLÜ:**  
 Nötr (N) = C/2  
 Topraklama (PE) = C/4

- Panolarda TN-C / TN-S'yi karıştırmak mümkündür.
- Yatay PEN, Nötr'ün yerini alır (yatay bara TN-C'de yer almaktadır).
- PE, kolonların topraklaması ve dikey PE bağlantısı (TN-S) için yatay olarak çalışır.
- Her girişte (TN-C) PEN / PE bağlantısı.



### ■ TT

TT : 1/1 Kesit

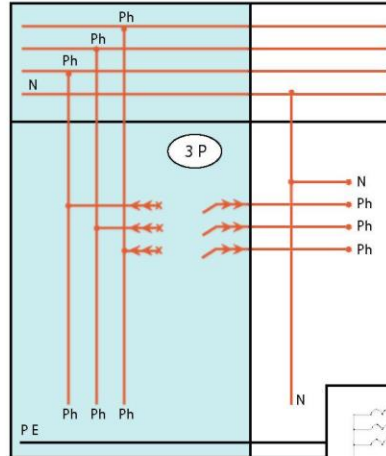


**ANA BARA:**  
 Fazlar = Kesit: A  
 Nötr (N) = A  
 Topraklama(PE)= 1x50/10

**DİKEY BARA:**  
 Fazlar = Kesit: B  
 Nötr (N) = B

**KABLO MODÜLÜ:**

TT : 1/2 Kesit

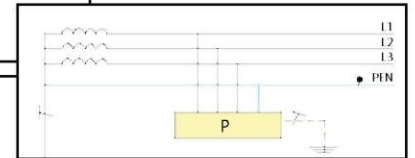


**ANA BARA:**  
 Fazlar = Kesit: A  
 Nötr (N) = A/2  
 Topraklama (PE) = 1 x 50/10

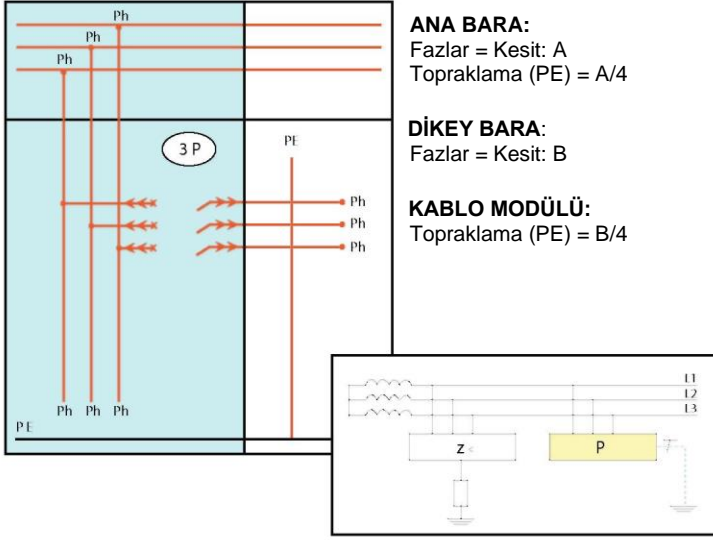
**DİKEY BARA:**  
 Fazlar = Kesit: B

**KABLO MODÜLÜ:**  
 Nötr (N) = B/2

! Ana PE Barası doğrudan topraklama kaynağına bağlı olmalıdır



## ■ IT



**ANA BARA:**  
Fazlar = Kesit: A  
Topraklama (PE) = A/4

**DİKEY BARA:**  
Fazlar = Kesit: B

**KABLO MODÜLÜ:**  
Topraklama (PE) = B/4

! Ana PE Barası doğrudan topraklama kaynağına bağlı olmalıdır