

2020 Fiyat Listesi

Parafudr Ürünleri

mission innovation
NOVSEN
Elektrik Elektronik Tic. A.Ş.



novsen.com



 **ZOTUP**[®]
INNOVATIVE SURGE PROTECTION



İçindekiler

Parafudrlar / Alçak Gerilim Uygulamaları

4-7

Parafudrlar / Fotovoltaik Sistemler İçin

8

Parafudrlar / Dış Ortam (Sokak) Aydınlatması için

9

Parafudr - Alçak Gerilim Uygulamaları

Ürün kodu	Açıklama	Fiyat
Z 200100	Parafudr / Tip2 limp:3kA In:30kA I _{max} :40kA (1P) L 3/30 230 ff	70,00 €
Z 200102	Parafudr / Tip2 limp:3kA In:20kA I _{max} :30kA (1P) L 3/30 60 ff	78,00 €
Z 200103	Parafudr / Tip2 limp:3kA In:20kA I _{max} :30kA (1P) L 3/30 120 ff	78,00 €
Z 200104	Parafudr / Tip2 limp:3kA In:40kA I _{max} :40kA (1P) L 3/30 400 ff	78,00 €
Z 200120	Parafudr / Tip2 limp:3kA In:30kA I _{max} :40kA (2P) L 3/30 230 ff 2	140,00 €
Z 200121	Parafudr / Tip2 limp:3kA In:30kA I _{max} :40kA (1+1P) L 3/30 230 ff 1+1	148,00 €
Z 200130	Parafudr / Tip2 limp:3kA In:30kA I _{max} :40kA (3P) L 3/30 230 ff 3	210,00 €
Z 200140	Parafudr / Tip2 limp:3kA In:30kA I _{max} :40kA (4P) L 3/30 230 ff 4	280,00 €
Z 200141	Parafudr / Tip2 limp:3kA In:30kA I _{max} :40kA (3+1P) L 3/30 230 ff 3+1	288,00 €
Z 210100	Parafudr / Tip2 limp:3kA In:30kA I _{max} :40kA (1P) L 3/30 230 t ff	80,00 €
Z 210102	Parafudr / Tip2 limp:3kA In:20kA I _{max} :30kA (1P) L 3/30 60 t ff	88,00 €
Z 210103	Parafudr / Tip2 limp:3kA In:20kA I _{max} :30kA (1P) L 3/30 120 t ff	88,00 €
Z 210104	Parafudr / Tip2 limp:3kA In:40kA I _{max} :40kA (1P) L 3/30 400 t ff	88,00 €
Z 210120	Parafudr / Tip2 limp:3kA In:30kA I _{max} :40kA (2P) L 3/30 230 t ff 2	160,00 €
Z 210121	Parafudr / Tip2 limp:3kA In:30kA I _{max} :40kA (1+1P) L 3/30 230 t ff 1+1	178,00 €
Z 210130	Parafudr / Tip2 limp:3kA In:30kA I _{max} :40kA (3P) L 3/30 230 t ff 3	240,00 €
Z 210140	Parafudr / Tip2 limp:3kA In:30kA I _{max} :40kA (4P) L 3/30 230 t ff 4	360,00 €
Z 210141	Parafudr / Tip2 limp:3kA In:30kA I _{max} :40kA (3+1P) L 3/30 230 t ff 3+1	338,00 €
Z 202100	Parafudr / Tip2 limp:2kA In:10kA I _{max} :20kA (1P) L 2/10 230 ff	60,00 €
Z 202120	Parafudr / Tip2 limp:2kA In:10kA I _{max} :20kA (2P) L 2/10 230 ff 2	120,00 €

Tüm ürünler standart olarak ff, PPI, PD:3 özelliklerine sahiptir.

Kısa Kod Açıklamaları :

PD:3 > Pollution Degree : 3 (Kirlilik Derecesi - Zor Ortam Koşullarına Uygun)

ff > Fuse Function : Dahili Sigorta Korumalı

PPI > Progressive Performance Indicator

--- > **PPI** > Durum indikatörü (Kademeli performans durum göstergesi)

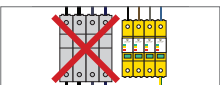
t > with remote signal contact (Uzak Sinyalli)

TT > TT şebeke

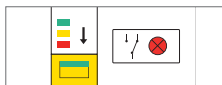
TN > TN şebeke

Tip1 > B Tipi

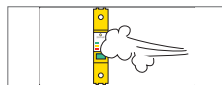
Tip2 > C Tipi



ff: Dahili Sigortalı
(Sigorta kullanımına gerek yoktur)



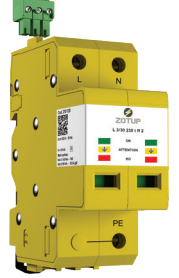
PPI: Durum İndikatörü



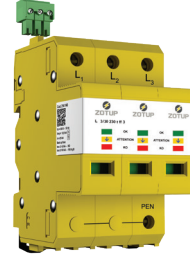
PD: Kirlilik Derecesi



200100



200120



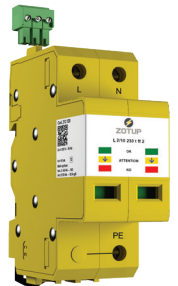
200130



200140



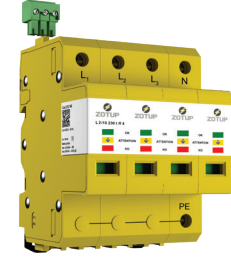
202100



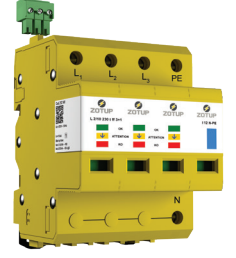
202120

Parafudr - Alçak Gerilim Uygulamaları

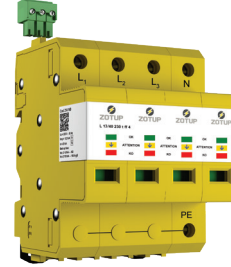
Ürün kodu	Açıklama	Fiyat
Z 202121	Parafudr / Tip2 limp:2kA In:10kA I _{max} :20kA (1+1P) L 2/10 230 ff 1+1	138,00 €
Z 202140	Parafudr / Tip2 limp:2kA In:10kA I _{max} :20kA (4P) L 2/10 230 ff 4	240,00 €
Z 202141	Parafudr / Tip2 limp:2kA In:10kA I _{max} :20kA (3+1P) L 2/10 230 ff 3+1	258,00 €
Z 212100	Parafudr / Tip2 limp:2kA In:10kA I _{max} :20kA (1P) L 2/10 230 t ff	70,00 €
Z 212120	Parafudr / Tip2 limp:2kA In:10kA I _{max} :20kA (2P) L 2/10 230 t ff 2	140,00 €
Z 212121	Parafudr / Tip2 limp:2kA In:10kA I _{max} :20kA (1+1P) L 2/10 230 t ff 1+1	168,00 €
Z 212140	Parafudr / Tip2 limp:2kA In:10kA I _{max} :20kA (4P) L 2/10 230 t ff 4	280,00 €
Z 212141	Parafudr / Tip2 limp:2kA In:10kA I _{max} :20kA (3+1P) L 2/10 230 t ff 3+1	308,00 €
Z 203100	Parafudr / Tip 1 limp:25kA In:25kA (1P) IA 25	180,00 €
Z 203120	Parafudr / Tip 1 limp:25kA In:25kA (2P) IA 25 2	360,00 €
Z 203121	Parafudr / Tip 1 limp:25kA In:25kA (1+1P) IA 25 1+1	425,00 €
Z 203140	Parafudr / Tip 1 limp:25kA In:25kA (4P) IA 25 4	720,00 €
Z 203141	Parafudr / Tip 1 limp:25kA In:25kA (3+1P) IA 25 3+1	785,00 €
Z 204100	Parafudr / Tip 1+2 limp:13kA In:35kA I _{max} :70kA (1P) L 13/40 230 ff	160,00 €
Z 204120	Parafudr / Tip 1+2 limp:13kA In:35kA I _{max} :70kA (2P) L 13/40 230 ff 2	320,00 €
Z 204121	Parafudr / Tip 1+2 limp:13kA In:35kA I _{max} :70kA (1+1P) L 13/40 230 ff 1+1	330,00 €
Z 204130	Parafudr / Tip 1+2 limp:13kA In:35kA I _{max} :70kA (3P) L 13/40 230 ff 3	480,00 €
Z 204140	Parafudr / Tip 1+2 limp:13kA In:35kA I _{max} :70kA (4P) L 13/40 230 ff 4	640,00 €
Z 204141	Parafudr / Tip 1+2 limp:13kA In:35kA I _{max} :70kA (3+1P) L 13/40 230 ff 3+1	650,00 €
Z 214100	Parafudr / Tip 1+2 limp:13kA In:35kA I _{max} :70kA (1P) L 13/40 230 t ff	170,00 €



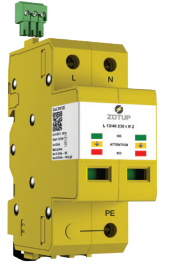
202140



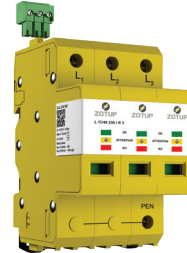
202141



204140



204120



204130



204100

Tüm ürünler standart olarak ff, PPI, PD:3 özelliklerine sahiptir.

Kısa Kod Açıklamaları :

PD:3 > Pollution Degree : 3 (Kirlilik Derecesi - Zor Ortam Koşullarına Uygun)

ff > Fuse Function : Dahili Sigorta Korumalı

PPI > Progressive Performance Indicator

--- > **PPI** > Durum indikatörü (Kademeli performans durum göstergesi)

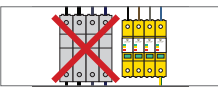
t > with remote signal contact (Uzak Sinyalli)

TT > TT şebeke

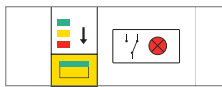
TN > TN şebeke

Tip1 > B Tipi

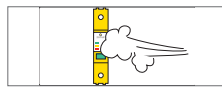
Tip2 > C Tipi



ff: Dahili Sigortalı
(Sigorta kullanımına gerek yoktur)



PPI: Durum İndikatörü



PD: Kirlilik Derecesi

Parafudr - Alçak Gerilim Uygulamaları

Ürün kodu	Açıklama	Fiyat
Z 214120	Parafudr / Tip 1+2 limp:13kA In:35kA I _{max} :70kA (2P) L 13/40 230 t ff 2	340,00 €
Z 214121	Parafudr / Tip 1+2 limp:13kA In:35kA I _{max} :70kA (1+1P) L 13/40 230 t ff 1+1	350,00 €
Z 214130	Parafudr / Tip 1+2 limp:13kA In:35kA I _{max} :70kA (3P) L 13/40 230 t ff 3	510,00 €
Z 214140	Parafudr / Tip 1+2 limp:13kA In:35kA I _{max} :70kA (4P) L 13/40 230 t ff 4	680,00 €
Z 214141	Parafudr / Tip 1+2 limp:13kA In:35kA I _{max} :70kA (3+1P) L 13/40 230 t ff 3+1	690,00 €
Z 206300	Parafudr / Tip 1+2 limp:52kA In:52kA I _{max} :70kA (1N-PEP) I 52 N-PE	170,00 €
Z 216300	Parafudr / Tip 1+2 limp:52kA In:52kA I _{max} :70kA (1N-PEP) I 52 t N-PE	180,00 €
Z 207300	Parafudr / Tip 1+2 limp:12,5kA In:40kA I _{max} :65kA (1N-PEP) I 12 N-PE	78,00 €
Z 217300	Parafudr / Tip 1+2 limp:12,5kA In:40kA I _{max} :65kA (1N-PEP) I 12 t N-PE	98,00 €
Z 208300	Parafudr / Tip 1+2 limp:100kA In:100kA I _{max} :150kA (1N-PEP) I 100 N-PE	245,00 €
Z 207100	Parafudr / Tip 1+2 limp:7kA In:30kA I _{max} :40kA (1P) L 7/30 230 ff	115,00 €
Z 207104	Parafudr / Tip 1+2 limp:7kA In:30kA I _{max} :40kA (1P) L 7/30 400 ff	130,00 €
Z 207106	Parafudr / Tip 1+2 limp:5kA In:25kA I _{max} :40kA (1P) L 7/30 600 ff	130,00 €
Z 207107	Parafudr / Tip 1+2 limp:5kA In:20kA I _{max} :40kA (1P) L 7/30 750 ff	130,00 €
Z 207120	Parafudr / Tip 1+2 limp:7kA In:30kA I _{max} :40kA (2P) L 7/30 230 ff 2	230,00 €
Z 207121	Parafudr / Tip 1+2 limp:7kA In:30kA I _{max} :40kA (1+1P) L 7/30 230 ff 1+1	285,00 €
Z 207130	Parafudr / Tip 1+2 limp:7kA In:30kA (3P) L 7/30 230 ff 3	345,00 €
Z 207137	Parafudr / Tip 1+2 limp:5kA In:20kA (3P) L 7/30 750 ff 3	390,00 €
Z 207140	Parafudr / Tip 1+2 limp:7kA In:30kA I _{max} :40kA (4P) L 7/30 230 ff 4	460,00 €
Z 207141	Parafudr / Tip 1+2 limp:7kA In:30kA I _{max} :40kA (3+1P) L 7/30 230 ff 3+1	515,00 €

Tüm ürünler standart olarak ff, PPI, PD:3 özelliklerine sahiptir.

Kısa Kod Açıklamaları :

PD:3 > Pollution Degree : 3 (Kirlilik Derecesi - Zor Ortam Koşullarına Uygun)

ff > Fuse Function : Dahili Sigorta Korumalı

PPI > Progressive Performance Indicator

--- > **PPI > Durum İndikatörü** (Kademeli performans durum göstergesi)

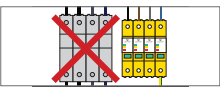
t > with remote signal contact (Uzak Sinyalli)

TT > TT şebeke

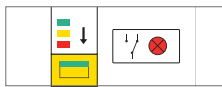
TN > TN şebeke

Tip1 > B Tipi

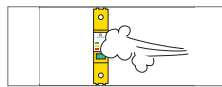
Tip2 > C Tipi



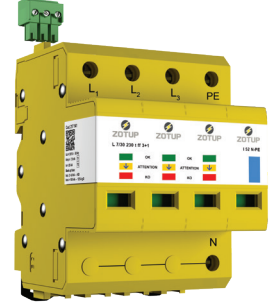
ff: Dahili Sigortalı
(Sigorta kullanımına gerek yoktur)



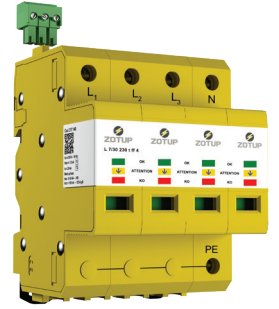
PPI: Durum İndikatörü



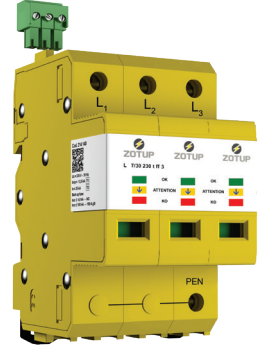
PD: Kirlilik Derecesi



207100



207130



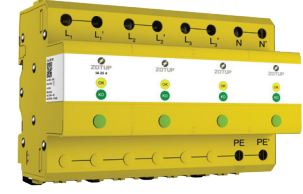
207140



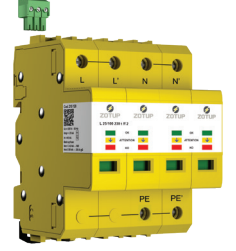
207141

Parafudr - Alçak Gerilim Uygulamaları

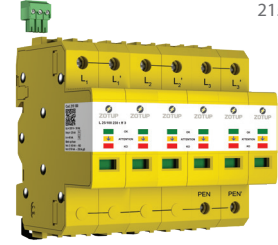
Ürün kodu	Açıklama	Fiyat
Z 217100	Parafudr / Tip 1+2 limp:7kA In:30kA I _{max} :40kA (1P) L 7/30 230 t ff	125,00 €
Z 217104	Parafudr / Tip 1+2 limp:7kA In:30kA I _{max} :40kA (1P) L 7/30 400 t ff	140,00 €
Z 217106	Parafudr / Tip 1+2 limp:5kA In:25kA I _{max} :40kA (1P) L 7/30 600 t ff	140,00 €
Z 217107	Parafudr / Tip 1+2 limp:5kA In:20kA I _{max} :40kA (1P) L 7/30 750 ff	140,00 €
Z 217120	Parafudr / Tip 1+2 limp:7kA In:30kA I _{max} :40kA (2P) L 7/30 230 t ff 2	250,00 €
Z 217121	Parafudr / Tip 1+2 limp:7kA In:30kA I _{max} :40kA (1+1P) L 7/30 230 t ff 1+1	305,00 €
Z 217130	Parafudr / Tip 1+2 limp:7kA In:30kA (3P) L 7/30 230 t ff 3	375,00 €
Z 217137	Parafudr / Tip 1+2 limp:5kA In:20kA (3P) L 7/30 750 t ff 3	420,00 €
Z 217140	Parafudr / Tip 1+2 limp:7kA In:30kA I _{max} :40kA (4P) L 7/30 230 t ff 4	500,00 €
Z 217141	Parafudr / Tip 1+2 limp:7kA In:30kA I _{max} :40kA (3+1P) L 7/30 230 t ff 3+1	555,00 €
Z 215100	Parafudr / Tip 1+2 limp:25kA In:60kA I _{max} :100kA (1P) L 25/100 230 t ff	245,00 €
Z 215120	Parafudr / Tip 1+2 limp:25kA In:60kA I _{max} :100kA (2P) L 25/100 230 t ff 2	490,00 €
Z 215121	Parafudr / Tip 1+2 limp:25kA In:60kA I _{max} :100kA (1+1P) L 25/100 230 t ff 1+1	490,00 €
Z 215130	Parafudr / Tip 1+2 limp:25kA In:60kA I _{max} :100kA (3P) L 25/100 230 t ff 3	735,00 €
Z 215140	Parafudr / Tip 1+2 limp:25kA In:60kA I _{max} :100kA (4P) L 25/100 230 t ff 4	980,00 €
Z 215141	Parafudr / Tip 1+2 limp:25kA In:60kA I _{max} :100kA (3+1P) L 25/100 230 t ff 3+1	980,00 €
Z 244100	Parafudr / Tip 1+2 limp:10kA In:40kA I _{max} :40kA (P) Koruma Kutusu TN 40 ff	1.460,00 €
Z 245100	Parafudr / Tip 1+2 limp:10kA In:40kA I _{max} :80kA (P) Koruma Kutusu TT 40 ff	1.460,00 €



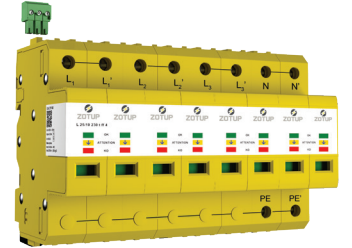
215100



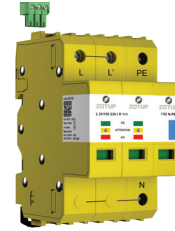
215120



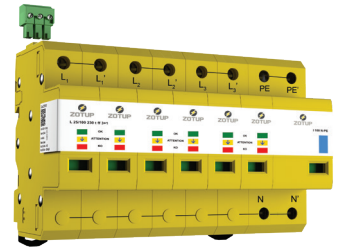
215130



215140



215121



215141

Tüm ürünler standart olarak ff, PPI, PD:3 özelliklerine sahiptir.

Kısa Kod Açıklamaları :

PD:3 > Pollution Degree : 3 (Kirlilik Derecesi - Zor Ortam Koşullarına Uygun)

ff > Fuse Function : Dahili Sigorta Korumalı

PPI > Progressive Performance Indicator

--- > **PPI** > Durum indikatörü (Kademeli performans durum göstergesi)

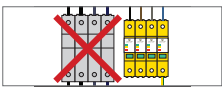
t > with remote signal contact (Uzak Sinyalli)

TT > TT şebeke

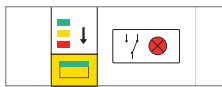
TN > TN şebeke

Tip1 > B Tipi

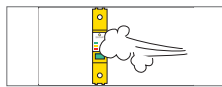
Tip2 > C Tipi



ff: Dahili Sigortalı
(Sigorta kullanımına gerek yoktur)



PPI: Durum İndikatörü



PD: Kirlilik Derecesi

Parafudr - Fotovoltaik Sistemler için

Ürün kodu	Açıklama	Fiyat
Z 216106	Parafudr / Tip 1+2 Iimp:7kA In:20kA Imax:40kA (P) L 13/60 PV Y 600 ff	430,00 €
Z 216110	Parafudr / Tip 1+2 Iimp:7kA In:15kA Imax:25kA (P) L 13/60 PV Y 1000 ff	430,00 €
Z 216116	Parafudr / Tip 1+2 Iimp:7kA In:20kA Imax:40kA (P) L 13/60 PV Y 600 t ff	460,00 €
Z 216126	Parafudr / Tip 1+2 Iimp:7kA In:15kA Imax:25kA (P) L 13/60 PV Y 1000 t ff	460,00 €
Z 210106	Parafudr / Tip2 In:20kA Imax:40kA (P) L 3/40 PV Y 600 ff	162,00 €
Z 210110	Parafudr / Tip2 In:12,5kA Imax:25kA (P) L 3/40 PV Y 1000 ff	162,00 €
Z 210116	Parafudr / Tip2 In:20kA Imax:40kA (P) L 3/40 PV Y 600 t ff	192,00 €
Z 210126	Parafudr / Tip2 In:12,5kA Imax:25kA (P) L 3/40 PV Y 1000 t ff	192,00 €

Tüm ürünler standart olarak ff, PPI, PD:3 özelliklerine sahiptir.

Kısa Kod Açıklamaları :

PD:3 > Pollution Degree : 3 (Kirlilik Derecesi - Zor Ortam Koşullarına Uygun)

ff > Fuse Function : Dahili Sigorta Korumalı

PPI > Progressive Performance Indicator

--- > **PPI > Durum indikatörü** (Kademeli performans durum göstergesi)

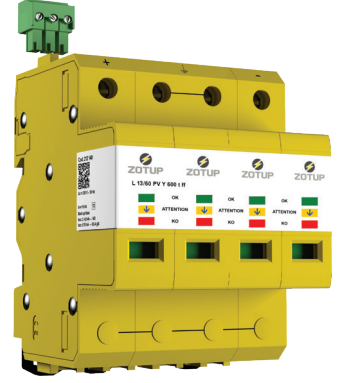
t > with remote signal contact (Uzak Sinyalli)

TT > TT şebeke

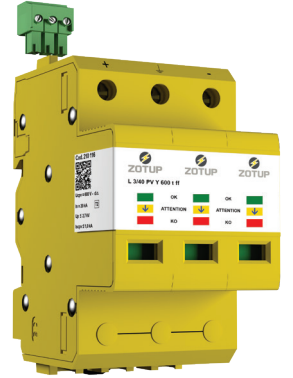
TN > TN şebeke

Tip1 > B Tipi

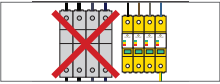
Tip2 > C Tipi



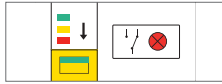
216110



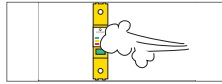
210110



ff: Dahili Sigortalı
(Sigorta kullanımına gerek yoktur)



PPI: Durum İndikatörü



PD: Kirlilik Derecesi

Parafudr - Dış Ortam (Sokak) Aydınlatması için

Ürün kodu	Açıklama	Fiyat
Z 242101	Parafudr / Tip2 In:10kA I _{max} :25kA (P) IL 1/10 2P LED 230	88,00 €
Z 242102	Parafudr / Tip2 In:10kA I _{max} :25kA (P) IL 1/10 2P LED 320	88,00 €
Z 242103	Parafudr / Tip2 In:10kA I _{max} :25kA (P) IL 1/10 2P LED 400	88,00 €
Z 242190	Parafudr / Tip2 I _{imp} :2kA In:10kA I _{max} :20kA (1+1P) LLP 2/10 230 ff 1+1	210,00 €
Z 242191	Parafudr / Tip 1+2 I _{imp} :7kA In:30kA I _{max} :40kA (1+1P) LLP 7/30 230 ff 1+1	357,00 €

Tüm ürünler standart olarak ff, PPI, PD:3 özelliklerine sahiptir.

Kısa Kod Açıklamaları :

PD:3 > Pollution Degree : 3 (Kirlilik Derecesi - Zor Ortam Koşullarına Uygun)

ff > Fuse Function : Dahili Sigorta Korumalı

PPI > Progressive Performance Indicator

--- > **PPI** > Durum indikatörü (Kademeli performans durum göstergesi)

t > with remote signal contact (Uzak Sinyalli)

TT > TT şebeke

TN > TN şebeke

Tip1 > B Tipi

Tip2 > C Tipi

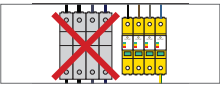


242191

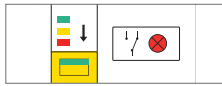
242190



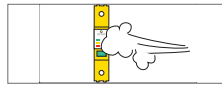
242103



ff: Dahili Sigortalı
(Sigorta kullanımına gerek yoktur)



PPI: Durum İndikatörü



PD: Kirlilik Derecesi



mission innovation
NOVSEN
Elektrik Elektronik Tic. A. Ş.

Kurtköy Mah. Seyit Onbaşı Sok. No:31/B
34912 Pendik / İstanbul

Tel : 90 (216) 232 22 66

Email : info@novsen.com

Web : www.novsen.com

Genel Satış Şartları:

Bu fiyat listesi, Ocak 2020 tarihi itibarı ile geçerli olan birim fiyatlarımızı içermektedir.
NOVSEN A.Ş., fiyatlarda herhangi bir ihbara gerek duymaksızın değişiklik yapma hakkını saklı tutar.
Fiyatlarımıza K.D.V. dahil değildir.

socomec
Innovative Power Solutions

Palazzoli

ONESTO

FUJI ELECTRIC

SEFRER

ZOTUP
ELECTRIC POWER SYSTEMS

STRAL
LIGHTING FOR LIFE

