

Tek ve çok kutuplu yüksek performanslı devre kesiciler (CBE'ler) ve akü koruma sistemleri uzaktan kumandalı ve uzaktan kumandasız

Max. çalışma gerilimi aralığı 3 AC 660 V,
AC 250 V,
DC 220 V

Akım aralığı 0.05...500 A



Termal ve termal-manyetik etkili E-T-A yüksek performanslı devre kesiciler, ödünsüz performans ve güvenilirlik gerekliliklerine sahip uygulamalar için tasarlanmıştır.

Uçaklar, savunma ekipmanları, deniz sistemleri ve güvenliğin en önemli faktör olduğu başka özel ekipmanlar için modeller mevcuttur.

Bu bölümde yer alan tüm devre kesiciler; darbe, titreşim, tuz, sis, rutubet ve benzer etkilere karşı dayanıklıdır. Ürünlerin küçük fiziksel boyutu, düşük ağırlığı ve gelişmiş teknolojisi, tam bir çok yönlülüğü garanti eder. İlgili ana sanayilerin denetleme kuruluşlarından onaylar alınmıştır. Örneğin, E-T-A uçak devre kesicilerin dünyanın en ileri teknolojisine sahip uçak ve helikopterlerde kullanımı için onay alınmıştır.

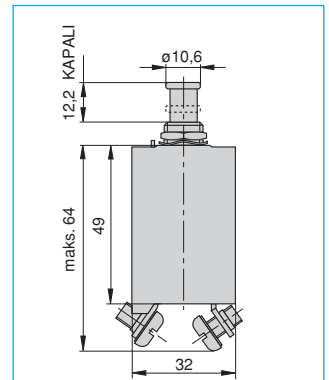
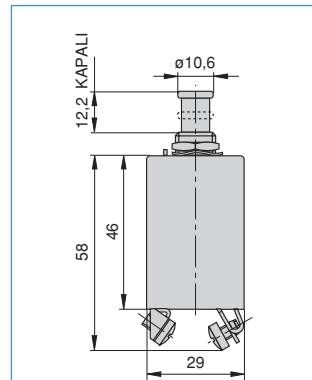
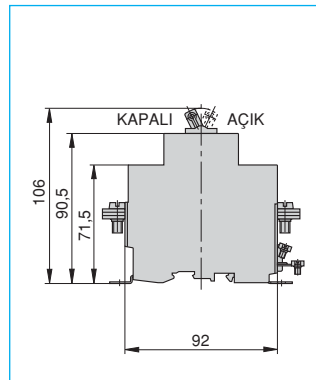
Aksesuarlar, E-T-A tek-delikli panel montaj modelleri için sıçramadan tamamen suya dalmaya kadar değişen koşullarda farklı koruma seviyeleri sağlayan panel sızdırmazlık elemanlarını kapsar.

Bu yüksek performanslı ürünleri tamamlayan uzaktan kumanda yetenekli E-T-A akü kontrol sistemleri - tankerler, gemiler, arazi tesisleri ve aküyle çalıştırılan diğer ekipmanlar dahil - ağır iş araçlarının ana akü sistemlerinde kurulum için özellikle uygundur. Uzaktan kumandayla bağlantı kesme fonksiyonu, kullanıcı rahatlığı ve güvenliği gibi çift yönlü bir avantaj sunmaktadır.

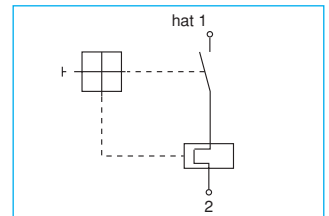
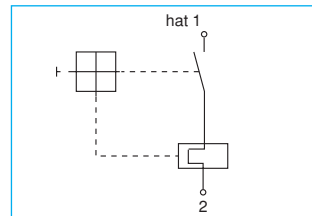
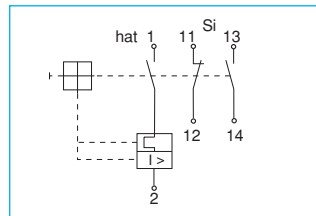
Toleranssız ölçüler yalnızca referans amaçlıdır. Tasarım, performans geliştirme ve maliyet etkinliği açısından spesifikasyonlarda önceden haber vermeden değişiklik yapma hakkımız saklıdır. Ürün üzerindeki işaretler, sipariş kodlarıyla tamamen aynı olmayabilir. Hata ve eksiklikler olması mümkündür.

| Tip No. | 410-... | 412-... | 413-... |
|--|--|--|--|
| | | | |
| Ürün tanımı | Termal-manyetik, yüzey, panel veya ray montajlı, toggle çalıştırma | Termal, somun sıkmalı pano montajlı, bas/çek tipi çalıştırma | Termal, somun sıkmalı pano montajlı, bas/çek tipi çalıştırma |
| Çalışma gerilimi | AC 240 V; DC 110 V | DC 28 V AC 115 V (400 Hz) istek üzerine | DC 28 V AC 115 V (400 Hz) istek üzerine |
| Akım aralığı | 10...125 A (EN 60947) 7...100 A (EN 60898) | 6...25 A araç tipi (-FN) 7.5...35 A uçak tipi (-LN/-N) | 6...25 A araç tipi (-FN) 7.5...35 A uçak tipi (-LN/-N) |
| Yardımcı kontak aralığı | 6 A, AC 240 V veya DC 28 V; 1 A, DC 110 V | | |
| Tipik ömür / kontak aralığı | 1xI _N 'de 10,000 çalışma, 20,000 mekanik çalışma | 2xI _N 'de 4,000 çalışma | 1xI _N 'de 2,000 çalışma, |
| Kesme kapasitesi I_{CN} | AC 240 V: 6,000 A DC 110 V: 5,000 A | AC 115 V (400 Hz): 1,000 A DC 28 V: 6,000 A | AC 115 V (400 Hz): 1,000 A DC 28 V: 6,000 A |
| Onaylar | BV | UL | UL, BV, QPL İsvç |

Ölçüler



İç bağlantı diyagramları



428-...



Termal-manyetik, geçmeli tip, manuel resetli

AC 250 V; DC 28 V

0.05...25 A

1xI_N'de 2,000 çalışma, indüktif akımda.
1xI_N'de 4,000 çalışma, rezistif akımda.

0.05...5 A 400 A
5.5...7.5 A 750 A
8...25 A 1,500 A (IEC 269/VDE 0636'ya göre NH 40 yedek sigortayla birlikte)

VDE

437-...



Toggle çalıştırılmalı, uzaktan kumanda tetikleme bobinli tip

DC 144 V

40...240 A
(daha yüksek aralıklar istek üzerine)

6 A, DC 28 V
0.2 A, DC 180 V

240 A/DC 180 V'de 3,000 çalışma
240 A/DC 28 V'de 10,000 çalışma
20,000 mekanik çalışma

DC 180 V'de 2,000 A
DC 28 V'de 10,000

BV

446 / 447 / 449-...



Termal-manyetik, taban montajlı, yardımcı kontak opsiyonlu

DC 28 V

446: 30...400 A
447: 100...400 A
449: 125...500 A

10 A

1xI_N'de 1,000 çalışma
2,000 mekanik çalışma

10,000 A

446: UL
447: UL, QPL İsveç
449: UL, VG 95345, kısım 15

452-...



Termal-manyetik, somun sıkmalı pano montajlı, bas/çek tipi çalıştırılmalı, yardımcı kontak opsiyonlu

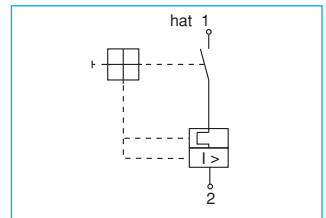
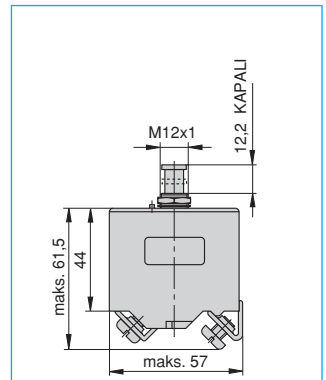
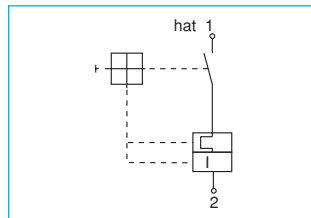
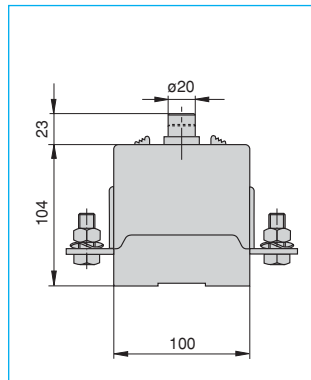
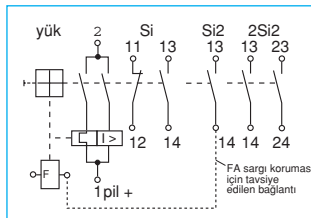
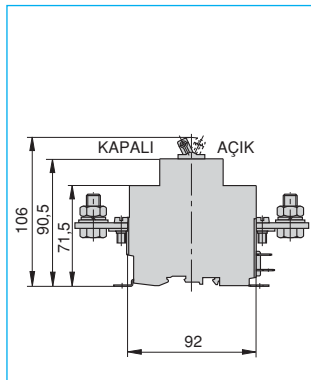
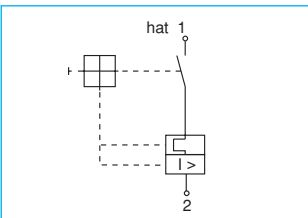
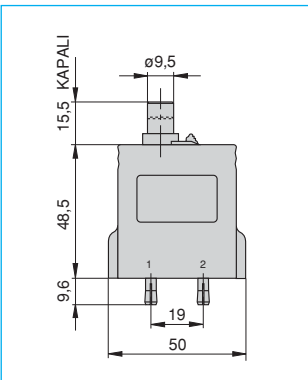
DC 28 V




50...100 A

1xI_N'de 2,500 çalışma

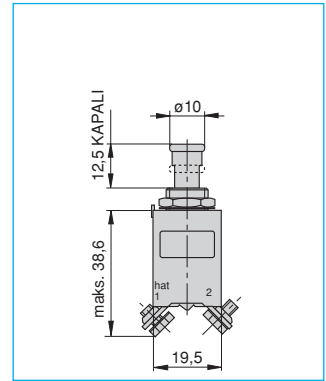
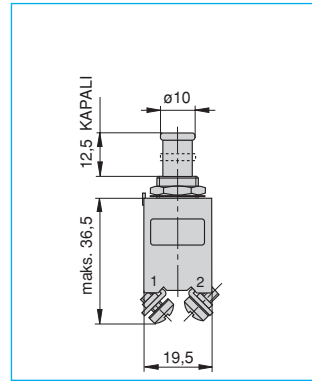
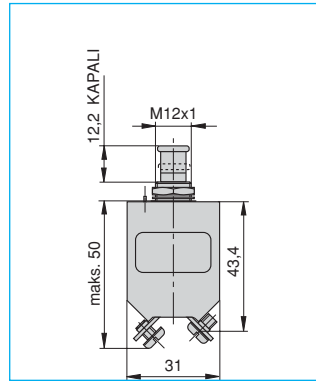
DC 28 V: 6,000 A
AC 115 V (400 Hz): 1,500 A

UL, VG 95345 kısım 17, BV
QPL Kanada, QPL İsveç

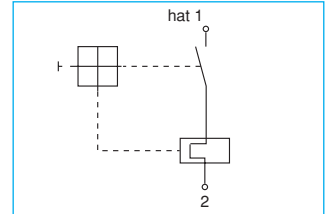
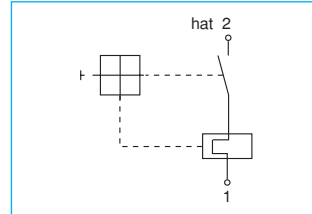
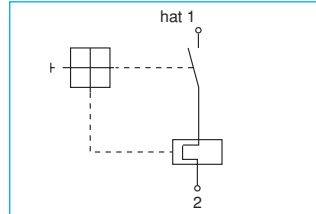


| Tip No. | 482-... | 483-... | 4120-... |
|---|--|--|---|
|  |  |  | |
| Ürün tanımı | Termal, tek kutuplu, somun sıkmalı pano montajlı, bas/çek tipi çalıştırılabilir, yardımcı kontak opsiyonlu | Termal, tek kutuplu, somun sıkmalı pano montajlı, bas/çek tipi çalıştırılabilir, sıcaklık dengelemeli, patlama korumalı, minyatür, yardımcı kontak opsiyonlu, askeri spesifikasyonlara tamamen uygun | Termal, tek kutuplu, somun sıkmalı pano montajlı, bas/çek tipi çalıştırılabilir, sıcaklık dengelemeli, patlama korumalı, minyatür, yardımcı kontak opsiyonlu, ticari uçak spesifikasyonlarına tamamen uygun |
| Çalışma gerilimi | AC 115 V (400 Hz), DC 28 V* *UL: DC 72 V | AC 115 V (400 Hz); DC 28 V | AC 115 V (400 Hz); DC 28 V |
| Akım aralığı | 0.1...50 A | 1...35 A | 1...25 A 0.5 istek üzerine |
| Yardımcı kontak aralığı | 0.5 A, DC 28 V | 0.5 A, DC 28 V | 1 A, DC 28 V |
| Tipik ömür / kontak aralığı | 10,000 mekanik çalışma, 1xI _N 'de 5,000 çalışma | 20,000 mekanik çalışma 1xI _N 'de (d 25 A) 10,000 çalışma 1xI _N 'de (30+35 A) 5,000 çalışma | 20,000 mekanik çalışma, veya 1xI _N 'de 5,000 çalışma |
| Kesme kapasitesi I_{CN} | 0.1...2.5 A 15 x I _N 3...3.5 A 250 A DC/150 A AC 4...7 A 500 A 7.5...50 A 6,000 A DC/1,000 A AC 35...50 A 3,000 A DC/1,000 A AC | AC 115 V (400 Hz): ≤ 4 A 1,000 A 5 A 2,000 A 7.5...35 A 2,500 A DC 28 V: 1...25 A 6,000 A 30 + 35 A 4,000 A | AC 115 V (400 Hz): 1...3 A 1,000 A 5...25 A 2,000 A DC 28 V: 1...25 A 6,000 A |
| Onaylar | VG 95345 T21, QPL Kanada | LN 29886, VG 95345 T06, MS 3320, QPL, UL | BWB; EN 2495, EN 3773, EN 2995, MS 3320, QPL, VG 95345 T06 |

Ölçüler



İç bağlantı diyagramları



4140-...



Termal, tek kutuplu, somun sıkmalı pano montajlı, bas/çek tipi çalıştırılmalı, sıcaklık dengelemeli, yardımcı kontak opsiyonlu, ticari uçak spesifikasyonlarına uygun

AC 115 V (400 Hz); DC 28 V

20...50 A

0.5 A, DC 28 V

5,000 mekanik çalışma veya 1x1_N'de 2,500 çalışma

AC 115 V (400 Hz): 1,500 A
DC 28 V: 4,000 A

ASNE 0732-005 / prEN 3661-005
NSA 931321 / prEN2794-004

4930 (RCCB)



Uzaktan kumandalı devre kesici (RCCB), tek kutuplu, sıcaklık dengelemeli, yardımcı kontak opsiyonlu,

AC 115 V 400 Hz (AC 104...125 V)
DC 28 V (DC 18...36 V)

5...100 A

DC 28 V, AC 115 V (400 Hz):
3 A

1x1_N'de 50,000 çalışma

6,000 A

ASNE 0459; NSA 931323/prEN2665-004
ASNE 0733-005 / prEN 3662-005
ASNE 0733-006 / prEN 3662-006

5140-...



Termal, üç kutuplu, somun sıkmalı pano montajlı, bas/çek tipi çalıştırılmalı, sıcaklık dengelemeli, yardımcı kontak opsiyonlu, ticari uçak spesifikasyonlarına uygun

3 AC 200 V (400 Hz); DC 28 V

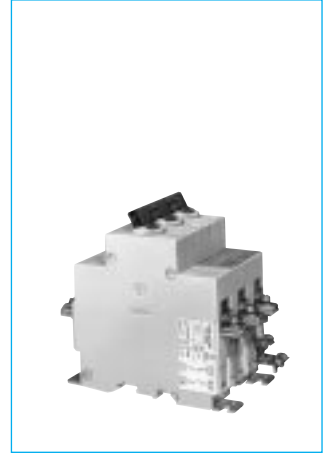
20...50 A

0.5 A, DC 28 V

5,000 mekanik çalışma, veya 1x1_N'de 2,500 çalışma

2,000 A

520 / 530-...



Termal-manyetik, yüzey, panel veya ray montajlı, toggle çalıştırılmalı

AC 240 V; 3 AC 415 V; 3 AC 500 V
3 AC 660 V; DC 110 V; DC 220 V

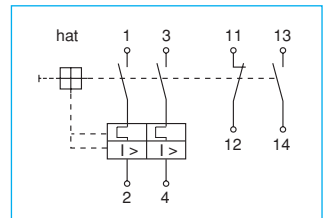
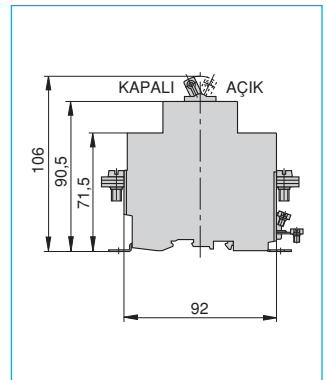
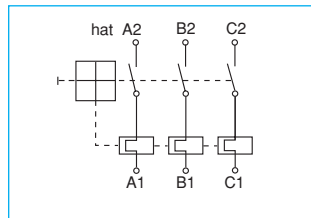
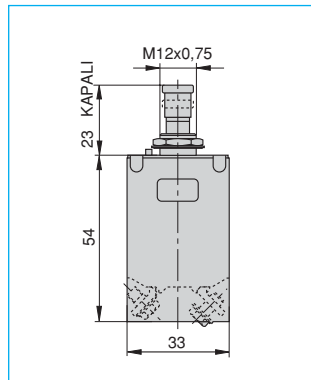
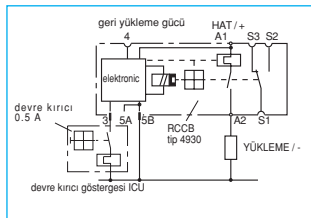
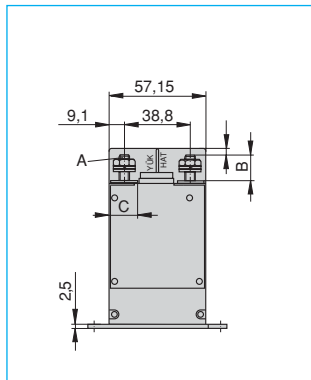
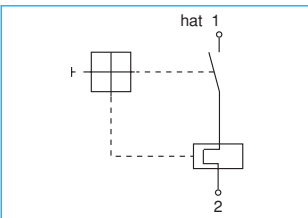
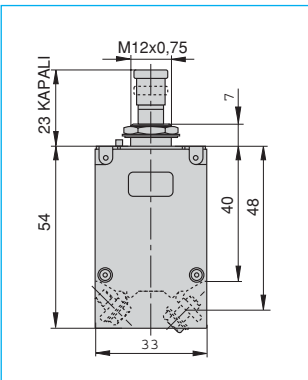
10...125 A (EN 60947)
7...100 A (EN 60898)

6 A, AC 240 V or DC 28 V;
1 A, DC 110 V

1x1_N'de 10,000 çalışma
20,000 mekanik çalışma

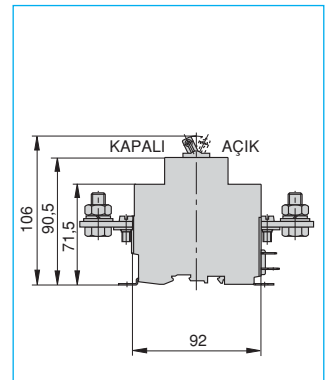
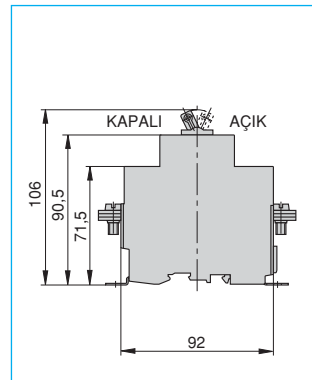
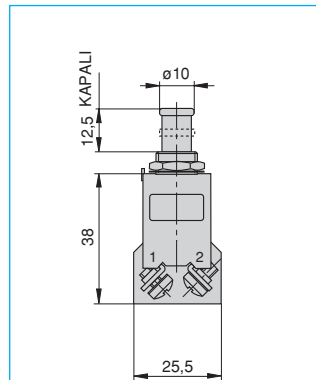
AC 240 V 8,000 A
3 AC 415 V 5,000 A
3 AC 500 V 4,000 A
3 AC 660 V 2,000 A
DC 110 V 10,000 A
DC 220 V istek üzerine

BV
tip 520: UL

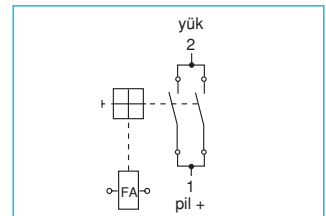
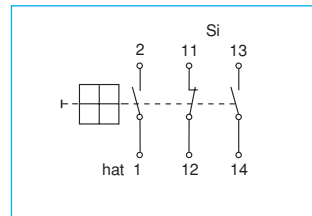
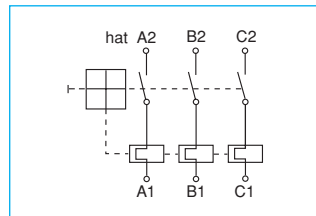


| Tip No. | 583-... | 911/912/913-... | 921/922 |
|--|--|---|---|
| Ürün tanımı | 3 kutuplu, somun sıkmalı pano montajlı, bas/çek tipi çalıştırılmalı, sıcaklık dengelemeli, patlama korumalı, minyatür, yardımcı kontak opsiyonlu | Koruma anahtarı 911 1 kutuplu 912 2 kutuplu 913 3 kutuplu toggle çalıştırılmalı, yüzey, panel veya ray montajlı | Akü koruma anahtarı 921 1 kutuplu 922 2 kutuplu toggle çalıştırılmalı, uzaktan kumandayla bağlantı kesme ve tekrar bağlama olanağı, opsiyonel muhafaza |
| Çalışma gerilimi | 3 AC 200 V (400 Hz); DC 28 V | AC 240 V; 3 AC 415 V; 3 AC 500 V; DC 110 V | DC 12 V; DC 24 V |
| Akım aralığı | 1...30 A | 32 A, 63 A, 125 A | 921: 240 A 922: 120 A |
| Yardımcı kontak aralığı | 0.5 A, DC 28 V | 6A, AC 240 V veya DC 28 V 1 A, DC 110 V | 6 A, DC 28 V 1 A, DC 110 V |
| Tipik ömür / kontak aralığı | 20,000 mekanik çalışma 1xI _N 'de (d 25 A) 10,000 çalışma 1xI _N 'de (30 A) 4,000 çalışma | 1xI _N 'de 10,000 çalışma 20,000 mekanik çalışma | 10,000 elektrikli çalışma, 20,000 mekanik çalışma |
| Kesme kapasitesi I_{cn} | 3 AC 200 V ≤ 4 A 1,000 A (400 Hz) 5 A 2,000 A 7.5...25 A 2,500 A 30 A 1,500 A DC 28 V: 1...25 A 6,000 A 30 A 4,000 A | Yedek sigorta maks. 125 A | 2,500 A tip 921 1,500 A tip 922 |
| Onaylar | LN 29887, VG 95 345 T11, AS 14154, QPL, prEN 2996 | | |

Ölçüler



İç bağlantı diyagramları



9510



Tek kutuplu, son derece hızlı kısa manyetik tetikleme süreli, kanatlı, vidalı ve çıplak tel terminal bağlantılı uçak simülatör anahtarı

DC 12 V; DC 24 V; DC 28 V;
DC 48 V

10,000 çalışma

BMS01

NEW



Tehlikeli mal taşıyan yol araçları için akü ana anahtarı, ADR yönetmeliklerine uygun, tek ve çift kutuplu

DC 12 V; DC 24 V

200 A

Maks. 10 A

1N'de 10,000 çalışma
100,000 mekanik çalışma

2,400 A 1 s
600 A 20 s

e1, ATEX, CE

E-1032



Akü acil durum anahtarı, tek veya çift kutuplu, EDR şartlarına uygun

DC 12 V; DC 24 V

921: 240 A
922: 120 A

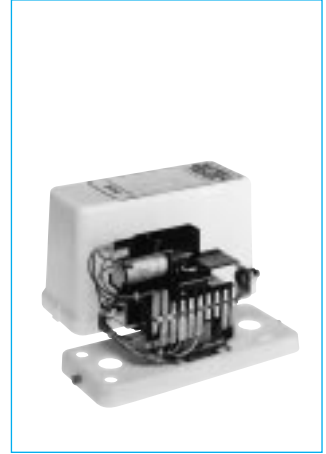
DC 28 V'de 6 A

10,000 elektrikli çalışma, 20,000 mekanik çalışma

DC 28 V (921): 2,500 A
DC 28 V (922): 1,500 A

TÜV

E-1073-437/921/922



Tek veya çift kutuplu, uzaktan kumandayla bağlantı kesme ve tekrar bağlama, düşük voltaj koruma opsiyonlu.

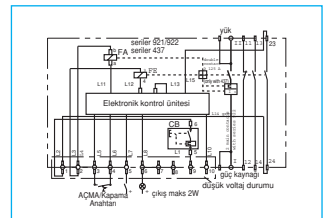
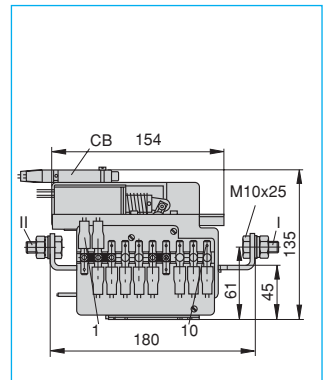
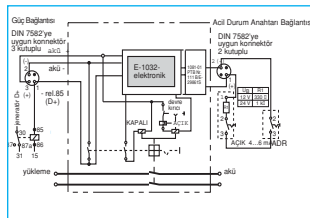
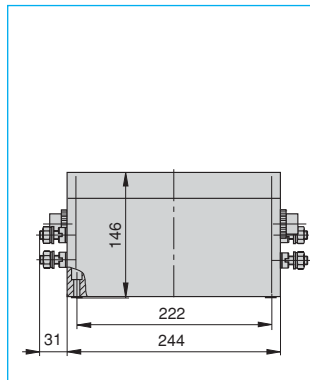
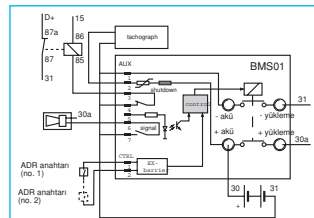
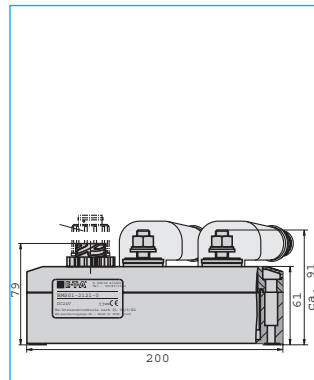
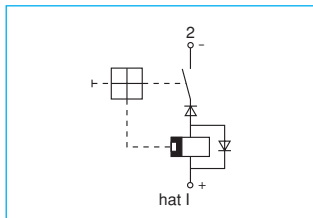
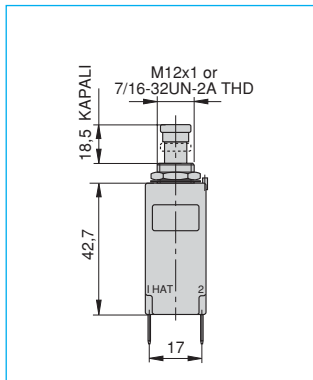
DC 12 V; DC 24 V

437: 40...240 A
(daha yüksek aralıklar istek üzerine)
921: 240 A 922: 120 A

DC 28 V'da 6 A

10,000 elektrikli çalışma, 20,000 mekanik çalışma

DC 28 V (437): 10,000 A
DC 28 V (921): 2,500 A
DC 28 V (922): 1,500 A



Alman VG 95345 parça numaralarına karşılık gelen E-T-A parça numaraları - Çapraz Referans Listesi.

| VG Numarası | E-T-A Tip No. | VG Numarası | E-T-A Tip No. |
|--------------------------|-----------------------------------|-------------------------|----------------------------|
| VG 95345 T06-001 | 483-G411-K1M1-A1S0ZN-1A | VG 95345 T11-011 | 583-G411-K1M1-A1S0TN-15A |
| VG 95345 T06-002 | 483-G411-K1M1-A1S0ZN-2A | VG 95345 T11-012 | 583-G411-K1M1-A1S0TN-16A |
| VG 95345 T06-003 | 483-G411-K1M1-A1S0ZN-2.5A | VG 95345 T11-013 | 583-G411-K1M1-A1S0TN-20A |
| VG 95345 T06-004 | 483-G411-K1M1-A1S0ZN-3A | VG 95345 T11-014 | 583-G411-K1M1-A1S0TN-25A |
| VG 95345 T06-005 | 483-G411-K1M1-A1S0ZN-4A | VG 95345 T11-101 | 583-G111-K1M1-A1S1UN-1A |
| VG 95345 T06-006 | 483-G411-K1M1-A1S0ZN-5A | VG 95345 T11-102 | 583-G111-K1M1-A1S1UN-2A |
| VG 95345 T06-007 | 483-G411-K1M1-A1S0ZN-6A | VG 95345 T11-103 | 583-G111-K1M1-A1S1UN-2.5A |
| VG 95345 T06-008 | 483-G411-K1M1-A1S0ZN-7.5A | VG 95345 T11-104 | 583-G111-K1M1-A1S1UN-3A |
| VG 95345 T06-009 | 483-G411-K1M1-A1S0ZN-8A | VG 95345 T11-105 | 583-G111-K1M1-A1S1UN-4A |
| VG 95345 T06-010 | 483-G411-K1M1-A1S0ZN-10A | VG 95345 T11-106 | 583-G111-K1M1-A1S1UN-5A |
| VG 95345 T06-011 | 483-G411-K1M1-A1S0ZN-15A | VG 95345 T11-107 | 583-G111-K1M1-A1S1UN-6A |
| VG 95345 T06-012 | 483-G411-K1M1-A1S0ZN-16A | VG 95345 T11-108 | 583-G111-K1M1-A1S1UN-7.5A |
| VG 95345 T06-013 | 483-G411-K1M1-A1S0ZN-20A | VG 95345 T11-109 | 583-G111-K1M1-A1S1UN-8A |
| VG 95345 T06-014 | 483-G411-K1M1-A1S0ZN-25A | VG 95345 T11-110 | 583-G111-K1M1-A1S1UN-10A |
| VG 95345 T06-101 | 483-G111-K1M1-A1S1ZN-1A | VG 95345 T11-111 | 583-G111-K1M1-A1S1UN-15A |
| VG 95345 T06-102 | 483-G111-K1M1-A1S1ZN-2A | VG 95345 T11-112 | 583-G111-K1M1-A1S1UN-16A |
| VG 95345 T06-103 | 483-G111-K1M1-A1S1ZN-2.5A | VG 95345 T11-113 | 583-G111-K1M1-A1S1UN-20A |
| VG 95345 T06-104 | 483-G111-K1M1-A1S1ZN-3A | VG 95345 T11-114 | 583-G111-K1M1-A1S1UN-25A |
| VG 95345 T06-105 | 483-G111-K1M1-A1S1ZN-4A | VG 95345 T15-001 | 449-K-H-FN-125A |
| VG 95345 T06-106 | 483-G111-K1M1-A1S1ZN-5A | VG 95345 T15-002 | 449-K-H-FN-160A |
| VG 95345 T06-107 | 483-G111-K1M1-A1S1ZN-6A | VG 95345 T15-003 | 449-K-H-FN-200A |
| VG 95345 T06-108 | 483-G111-K1M1-A1S1ZN-7.5A | VG 95345 T15-004 | 449-K-H-FN-225A |
| VG 95345 T06-109 | 483-G111-K1M1-A1S1ZN-8A | VG 95345 T15-005 | 449-K-H-FN-250A |
| VG 95345 T06-110 | 483-G111-K1M1-A1S1ZN-10A | VG 95345 T15-006 | 449-K-H-FN-315A |
| VG 95345 T06-111 | 483-G111-K1M1-A1S1ZN-15A | VG 95345 T15-007 | 449-K-H-FN-350A |
| VG 95345 T06-112 | 483-G111-K1M1-A1S1ZN-16A | VG 95345 T15-008 | 449-K-H-FN-400A |
| VG 95345 T06-113 | 483-G111-K1M1-A1S1ZN-20A | VG 95345 T15-009 | 449-K-H-FN-500A |
| VG 95345 T06-114 | 483-G111-K1M1-A1S1ZN-25A | VG 95345 T15-101 | 449-K-H-FN-Si-125A |
| VG 95345 T06-001 | 4120-G111-K1M1-A1S0ZN-1A | VG 95345 T15-102 | 449-K-H-FN-Si-160A |
| VG 95345 T06-002 | 4120-G111-K1M1-A1S0ZN-2A | VG 95345 T15-103 | 449-K-H-FN-Si-200A |
| VG 95345 T06-003 | 4120-G111-K1M1-A1S0ZN-2.5A | VG 95345 T15-104 | 449-K-H-FN-Si-225A |
| VG 95345 T06-004 | 4120-G111-K1M1-A1S0ZN-3A | VG 95345 T15-105 | 449-K-H-FN-Si-250A |
| VG 95345 T06-005 | 4120-G111-K1M1-A1S0ZN-4A | VG 95345 T15-106 | 449-K-H-FN-Si-315A |
| VG 95345 T06-006 | 4120-G111-K1M1-A1S0ZN-5A | VG 95345 T15-107 | 449-K-H-FN-Si-350A |
| VG 95345 T06-007 | 4120-G111-K1M1-A1S0ZN-6A | VG 95345 T15-108 | 449-K-H-FN-Si-400A |
| VG 95345 T06-008 | 4120-G111-K1M1-A1S0ZN-7.5A | VG 95345 T15-109 | 449-K-H-FN-Si-500A |
| VG 95345 T06-009 | 4120-G111-K1M1-A1S0ZN-8A | VG 95345 T17-001 | 452-K34-FN2-60A |
| VG 95345 T06-010 | 4120-G111-K1M1-A1S0ZN-10A | VG 95345 T17-002 | 452-K34-FN2-70A |
| VG 95345 T06-011 | 4120-G111-K1M1-A1S0ZN-15A | VG 95345 T17-003 | 452-K34-FN2-80A |
| VG 95345 T06-012 | 4120-G111-K1M1-A1S0ZN-16A | VG 95345 T17-004 | 452-K34-FN2-90A |
| VG 95345 T06-013 | 4120-G111-K1M1-A1S0ZN-20A | VG 95345 T17-005 | 452-K34-FN2-100A |
| VG 95345 T06-015 | 4120-G111-K1M1-A1S0ZN-0.5A | VG 95345 T17-101 | 452-K14-LN2-60A |
| VG 95345 T06-101 | 4120-G111-K1M1-A1S1ZN-1A | VG 95345 T17-102 | 452-K14-LN2-70A |
| VG 95345 T06-102 | 4120-G111-K1M1-A1S1ZN-2A | VG 95345 T17-103 | 452-K14-LN2-80A |
| VG 95345 T06-103 | 4120-G111-K1M1-A1S1ZN-2.5A | VG 95345 T17-104 | 452-K14-LN2-90A |
| VG 95345 T06-104 | 4120-G111-K1M1-A1S1ZN-3A | VG 95345 T17-105 | 452-K14-LN2-100A |
| VG 95345 T06-105 | 4120-G111-K1M1-A1S1ZN-4A | VG 95345 T17-201 | 452-K34-FN2-S1-60A |
| VG 95345 T06-106 | 4120-G111-K1M1-A1S1ZN-5A | VG 95345 T17-202 | 452-K34-FN2-S1-70A |
| VG 95345 T06-107 | 4120-G111-K1M1-A1S1ZN-6A | VG 95345 T17-203 | 452-K34-FN2-S1-80A |
| VG 95345 T06-108 | 4120-G111-K1M1-A1S1ZN-7.5A | VG 95345 T17-204 | 452-K34-FN2-S1-90A |
| VG 95345 T06-109 | 4120-G111-K1M1-A1S1ZN-8A | VG 95345 T17-205 | 452-K34-FN2-S1-100A |
| VG 95345 T06-110 | 4120-G111-K1M1-A1S1ZN-10A | VG 95345 T17-301 | 452-K34-LN2-S1-60A |
| VG 95345 T06-111 | 4120-G111-K1M1-A1S1ZN-15A | VG 95345 T17-302 | 452-K34-LN2-S1-70A |
| VG 95345 T06-112 | 4120-G111-K1M1-A1S1ZN-16A | VG 95345 T17-303 | 452-K34-LN2-S1-80A |
| VG 95345 T06-113 | 4120-G111-K1M1-A1S1ZN-20A | VG 95345 T17-304 | 452-K34-LN2-S1-90A |
| VG 95345 T06-0115 | 4120-G111-K1M1-A1S1ZN-0.5A | VG 95345 T17-305 | 452-K34-LN2-S1-100A |
| VG 95345 T11-001 | 583-G411-K1M1-A1S0TN-1A | VG 95345 T21-001 | 482-G111-K1M1-A1S0-0.5A |
| VG 95345 T11-002 | 583-G411-K1M1-A1S0TN-2A | VG 95345 T21-002 | 482-G111-K1M1-A1S0-1.0A |
| VG 95345 T11-003 | 583-G411-K1M1-A1S0TN-2.5A | VG 95345 T21-003 | 482-G111-K1M1-A1S0-1.5A |
| VG 95345 T11-004 | 583-G411-K1M1-A1S0TN-3A | VG 95345 T21-004 | 482-G111-K1M1-A1S0-2.0A |
| VG 95345 T11-005 | 583-G411-K1M1-A1S0TN-4A | VG 95345 T21-005 | 482-G111-K1M1-A1S0-3.0A |
| VG 95345 T11-006 | 583-G411-K1M1-A1S0TN-5A | VG 95345 T21-006 | 482-G111-K1M1-A1S0S-3.5A |
| VG 95345 T11-007 | 583-G411-K1M1-A1S0TN-6A | VG 95345 T21-007 | 482-G111-K1M1-A1S0-4.0A |
| VG 95345 T11-008 | 583-G411-K1M1-A1S0TN-7.5A | VG 95345 T21-008 | 482-G111-K1M1-A1S0-4.5A |
| VG 95345 T11-009 | 583-G411-K1M1-A1S0TN-8A | VG 95345 T21-009 | 482-G111-K1M1-A1S0-5.0A |
| VG 95345 T11-010 | 583-G411-K1M1-A1S0TN-10A | | |

VG 95345 parça numaralarına karşılık gelen E-T-A parça numaraları - Çapraz Referans Listesi.

| VG Numarası | E-T-A Tip No. | VG Numarası | E-T-A Tip No. |
|------------------|-------------------------|------------------|-------------------------|
| VG 95345 T21-010 | 482-G111-K1M1-A1S0-5.5A | VG 95345 T21-301 | 482-G212-K1M1-A1S1-0.5A |
| VG 95345 T21-011 | 482-G111-K1M1-A1S0-6.0A | VG 95345 T21-302 | 482-G212-K1M1-A1S1-1A |
| VG 95345 T21-012 | 482-G111-K1M1-A1S0-6.5A | VG 95345 T21-303 | 482-G212-K1M1-A1S1-1.5A |
| VG 95345 T21-013 | 482-G111-K1M1-A1S0-7.0A | VG 95345 T21-304 | 482-G212-K1M1-A1S1-2A |
| VG 95345 T21-014 | 482-G111-K1M1-A1S0-7.5A | VG 95345 T21-305 | 482-G212-K1M1-A1S1-3A |
| VG 95345 T21-015 | 482-G111-K1M1-A1S0-8.0A | VG 95345 T21-306 | 482-G212-K1M1-A1S1-3.5A |
| VG 95345 T21-016 | 482-G111-K1M1-A1S0-10A | VG 95345 T21-307 | 482-G212-K1M1-A1S1-4A |
| VG 95345 T21-017 | 482-G111-K1M1-A1S0-12A | VG 95345 T21-308 | 482-G212-K1M1-A1S1-4.5A |
| VG 95345 T21-018 | 482-G111-K1M1-A1S0-15A | VG 95345 T21-309 | 482-G212-K1M1-A1S1-5A |
| VG 95345 T21-019 | 482-G111-K1M1-A1S0-20A | VG 95345 T21-310 | 482-G212-K1M1-A1S1-5.5A |
| VG 95345 T21-020 | 482-G111-K1M1-A1S0-25A | VG 95345 T21-311 | 482-G212-K1M1-A1S1-6A |
| VG 95345 T21-021 | 482-G111-K1M1-A1S0-30A | VG 95345 T21-312 | 482-G212-K1M1-A1S1-6.5A |
| VG 95345 T21-022 | 482-G111-K1M1-A1S0-35A | VG 95345 T21-313 | 482-G212-K1M1-A1S1-7A |
| VG 95345 T21-023 | 482-G111-K1M1-A1S0-40A | VG 95345 T21-314 | 482-G212-K1M1-A1S1-7.5A |
| VG 95345 T21-024 | 482-G111-K1M1-A1S0-45A | VG 95345 T21-315 | 482-G212-K1M1-A1S1-8A |
| VG 95345 T21-025 | 482-G111-K1M1-A1S0-50A | VG 95345 T21-316 | 482-G212-K1M1-A1S1-10A |
| VG 95345 T21-101 | 482-G212-K1M1-A1S0-0.5A | VG 95345 T21-317 | 482-G212-K1M1-A1S1-12A |
| VG 95345 T21-102 | 482-G212-K1M1-A1S0-1.0A | VG 95345 T21-318 | 482-G212-K1M1-A1S1-15A |
| VG 95345 T21-103 | 482-G212-K1M1-A1S0-1.5A | VG 95345 T21-319 | 482-G212-K1M1-A1S1-20A |
| VG 95345 T21-104 | 482-G212-K1M1-A1S0-2.0A | VG 95345 T21-320 | 482-G212-K1M1-A1S1-25A |
| VG 95345 T21-105 | 482-G212-K1M1-A1S0-3.0A | VG 95345 T21-321 | 482-G212-K1M1-A1S1-30A |
| VG 95345 T21-106 | 482-G212-K1M1-A1S0-3.5A | VG 95345 T21-322 | 482-G212-K1M1-A1S1-35A |
| VG 95345 T21-107 | 482-G212-K1M1-A1S0-4.0A | VG 95345 T21-323 | 482-G212-K1M1-A1S1-40A |
| VG 95345 T21-108 | 482-G212-K1M1-A1S0-4.5A | VG 95345 T21-324 | 482-G212-K1M1-A1S1-45A |
| VG 95345 T21-109 | 482-G212-K1M1-A1S0-5.0A | VG 95345 T21-325 | 482-G212-K1M1-A1S1-50A |
| VG 95345 T21-110 | 482-G212-K1M1-A1S0-5.5A | VG 95345 T23 A | X 200 802 01 |
| VG 95345 T21-111 | 482-G212-K1M1-A1S0-6.0A | VG 95345 T23 B | X 200 801 08 |
| VG 95345 T21-112 | 482-G212-K1M1-A1S0-6.5A | VG 95345 T23 D | X 200 803 01 |
| VG 95345 T21-113 | 482-G212-K1M1-A1S0-7.0A | | |
| VG 95345 T21-114 | 482-G212-K1M1-A1S0-7.5A | | |
| VG 95345 T21-115 | 482-G212-K1M1-A1S0-8.0A | | |
| VG 95345 T21-116 | 482-G212-K1M1-A1S0-10A | | |
| VG 95345 T21-117 | 482-G212-K1M1-A1S0-12A | | |
| VG 95345 T21-118 | 482-G212-K1M1-A1S0-15A | | |
| VG 95345 T21-119 | 482-G212-K1M1-A1S0-20A | | |
| VG 95345 T21-120 | 482-G212-K1M1-A1S0-25A | | |
| VG 95345 T21-121 | 482-G212-K1M1-A1S0-30A | | |
| VG 95345 T21-122 | 482-G212-K1M1-A1S0-35A | | |
| VG 95345 T21-123 | 482-G212-K1M1-A1S0-40A | | |
| VG 95345 T21-124 | 482-G212-K1M1-A1S0-45A | | |
| VG 95345 T21-125 | 482-G212-K1M1-A1S0-50A | | |
| VG 95345 T21-201 | 482-G111-K1M1-A1S1-0.5A | | |
| VG 95345 T21-202 | 482-G111-K1M1-A1S1-1A | | |
| VG 95345 T21-203 | 482-G111-K1M1-A1S1-1.5A | | |
| VG 95345 T21-204 | 482-G111-K1M1-A1S1-2A | | |
| VG 95345 T21-205 | 482-G111-K1M1-A1S1-3A | | |
| VG 95345 T21-206 | 482-G111-K1M1-A1S1-3.5A | | |
| VG 95345 T21-207 | 482-G111-K1M1-A1S1-4A | | |
| VG 95345 T21-208 | 482-G111-K1M1-A1S1-4.5A | | |
| VG 95345 T21-209 | 482-G111-K1M1-A1S1-5A | | |
| VG 95345 T21-210 | 482-G111-K1M1-A1S1-5.5A | | |
| VG 95345 T21-211 | 482-G111-K1M1-A1S1-6A | | |
| VG 95345 T21-212 | 482-G111-K1M1-A1S1-6.5A | | |
| VG 95345 T21-213 | 482-G111-K1M1-A1S1-7A | | |
| VG 95345 T21-214 | 482-G111-K1M1-A1S1-7.5A | | |
| VG 95345 T21-215 | 482-G111-K1M1-A1S1-8A | | |
| VG 95345 T21-216 | 482-G111-K1M1-A1S1-10A | | |
| VG 95345 T21-217 | 482-G111-K1M1-A1S1-12A | | |
| VG 95345 T21-218 | 482-G111-K1M1-A1S1-15A | | |
| VG 95345 T21-219 | 482-G111-K1M1-A1S1-20A | | |
| VG 95345 T21-220 | 482-G111-K1M1-A1S1-25A | | |
| VG 95345 T21-221 | 482-G111-K1M1-A1S1-30A | | |
| VG 95345 T21-222 | 482-G111-K1M1-A1S1-35A | | |
| VG 95345 T21-223 | 482-G111-K1M1-A1S1-40A | | |
| VG 95345 T21-224 | 482-G111-K1M1-A1S1-45A | | |
| VG 95345 T21-225 | 482-G111-K1M1-A1S1-50A | | |

EN, MS, AS parça numaralarına karşılık gelen E-T-A parça numaraları - Çapraz Referans Listesi.

| EN Numarası | E-T-A Tip No. | EN/MS/AS Numarası | E-T-A Tip No. |
|-------------------------|----------------------------------|-------------------------|----------------------------------|
| EN 2495-0A5 M | 4120-G111-K1M1-A1S0ZN-0.5A | EN 3661-005A30AD | 4140-G112-J1M1-K5S5TG-30A |
| EN 2495-01A M | 4120-G111-K1M1-A1S0ZN-1A | EN 3661-005A35AD | 4140-G112-J1M1-K5S5TG-35A |
| EN 2495-02A M | 4120-G111-K1M1-A1S0ZN-2A | EN 3661-005A40AD | 4140-G112-J1M1-K5S5TG-40A |
| EN 2495-2A5 M | 4120-G111-K1M1-A1S0ZN-2.5A | EN 3661-005A45AD | 4140-G112-J1M1-K5S5TG-45A |
| EN 2495-03A M | 4120-G111-K1M1-A1S0ZN-3A | EN 3661-005A50AD | 4140-G112-J1M1-K5S5TG-50A |
| EN 2495-05A M | 4120-G111-K1M1-A1S0ZN-5A | | |
| EN 2495-7A5 M | 4120-G111-K1M1-A1S0ZN-7.5A | EN 3662-005A20AD | 5140-G132-J1M1-K5S5TG-20A |
| EN 2495-10A M | 4120-G111-K1M1-A1S0ZN-10A | EN 3662-005A25AD | 5140-G132-J1M1-K5S5TG-25A |
| EN 2495-15A M | 4120-G111-K1M1-A1S0ZN-15A | EN 3662-005A30AD | 5140-G132-J1M1-K5S5TG-30A |
| EN 2495-20A M | 4120-G111-K1M1-A1S0ZN-20A | EN 3662-005A35AD | 5140-G132-J1M1-K5S5TG-35A |
| EN 2495-25A M | 4120-G111-K1M1-A1S0ZN-25A | EN 3662-005A40AD | 5140-G132-J1M1-K5S5TG-40A |
| | | EN 3662-005A45AD | 5140-G132-J1M1-K5S5TG-45A |
| | | EN 3662-005A50AD | 5140-G132-J1M1-K5S5TG-50A |
| EN 2495-0A5 U | 4120-G111-J2M1-K5S0ZN-0.5A | EN 3773-004 D 01A | 4120-G112-J2M1-K5S0ZN-1A |
| EN 2495-01A U | 4120-G111-J2M1-K5S0ZN-1A | EN 3773-004 D 02A | 4120-G112-J2M1-K5S0ZN-2A |
| EN 2495-02A U | 4120-G111-J2M1-K5S0ZN-2A | EN 3773-004 D 2A5 | 4120-G112-J2M1-K5S0ZN-2.5A |
| EN 2495-2A5 U | 4120-G111-J2M1-K5S0ZN-2.5A | EN 3773-004 D 03A | 4120-G112-J2M1-K5S0ZN-3A |
| EN 2495-03A U | 4120-G111-J2M1-K5S0ZN-3A | EN 3773-004 D 05A | 4120-G112-J2M1-K5S0ZN-5A |
| EN 2495-05A U | 4120-G111-J2M1-K5S0ZN-5A | EN 3773-004 D 7A5 | 4120-G112-J2M1-K5S0ZN-7.5A |
| EN 2495-7A5 U | 4120-G111-J2M1-K5S0ZN-7.5A | EN 3773-004 D 10A | 4120-G112-J2M1-K5S0ZN-10A |
| EN 2495-10A U | 4120-G111-J2M1-K5S0ZN-10A | EN 3773-004 D 15A | 4120-G112-J2M1-K5S0ZN-15A |
| EN 2495-15A U | 4120-G111-J2M1-K5S0ZN-15A | EN 3773-004 D 20A | 4120-G112-J2M1-K5S0ZN-20A |
| EN 2495-20A U | 4120-G111-J2M1-K5S0ZN-20A | EN 3773-004 D 25A | 4120-G112-J2M1-K5S0ZN-25A |
| EN 2495-25A U | 4120-G111-J2M1-K5S0ZN-25A | | |
| EN 2995-004A01A | 4120-G112-J2M1-K5S1ZG-1A | MS 3320-1 | 4120-G214-J1M1-B2S0ZN-1A |
| EN 2995-004A02A | 4120-G112-J2M1-K5S1ZG-2A | MS 3320-2 | 4120-G214-J1M1-B2S0ZN-2A |
| EN 2995-004A2A5 | 4120-G112-J2M1-K5S1ZG-2.5A | MS 3320-2.5 | 4120-G214-J1M1-B2S0ZN-2.5A |
| EN 2995-004A03A | 4120-G112-J2M1-K5S1ZG-3A | MS 3320-3 | 4120-G214-J1M1-B2S0ZN-3A |
| EN 2995-004A05A | 4120-G112-J2M1-K5S1ZG-5A | MS 3320-5 | 4120-G214-J1M1-B2S0ZN-5A |
| EN 2995-004A7A5 | 4120-G112-J2M1-K5S1ZG-7.5A | MS 3320-7.5 | 4120-G214-J1M1-B2S0ZN-7.5A |
| EN 2995-004A10A | 4120-G112-J2M1-K5S1ZG-10A | MS 3320-10 | 4120-G214-J1M1-B2S0ZN-10A |
| EN 2995-004A15A | 4120-G112-J2M1-K5S1ZG-15A | MS 3320-15 | 4120-G214-J1M1-B2S0ZN-15A |
| EN 2995-004A20A | 4120-G112-J2M1-K5S1ZG-20A | MS 3320-20 | 4120-G214-J1M1-B2S0ZN-20A |
| EN 2995-004A25A | 4120-G112-J2M1-K5S1ZG-25A | | |
| EN 2995-005A01A | 4120-G112-J2M1-K5S5ZG-1A | MS 3320-1 | 483-G533-J1M1-B2S0ZN-1A |
| EN 2995-005A02A | 4120-G112-J2M1-K5S5ZG-2A | MS 3320-2 | 483-G533-J1M1-B2S0ZN-2A |
| EN 2995-005A2A5 | 4120-G112-J2M1-K5S5ZG-2.5A | MS 3320-2.5 | 483-G533-J1M1-B2S0ZN-2.5A |
| EN 2995-005A03A | 4120-G112-J2M1-K5S5ZG-3A | MS 3320-3 | 483-G533-J1M1-B2S0ZN-3A |
| EN 2995-005A05A | 4120-G112-J2M1-K5S5ZG-5A | MS 3320-4 | 483-G533-J1M1-B2S0ZN-4A |
| EN 2995-005A7A5 | 4120-G112-J2M1-K5S5ZG-7.5A | MS 3320-5 | 483-G533-J1M1-B2S0ZN-5A |
| EN 2995-005A10A | 4120-G112-J2M1-K5S5ZG-10A | MS 3320-6 | 483-G533-J1M1-B2S0ZN-6A |
| EN 2995-005A15A | 4120-G112-J2M1-K5S5ZG-15A | MS 3320-7.5 | 483-G533-J1M1-B2S0ZN-7.5A |
| EN 2995-005A20A | 4120-G112-J2M1-K5S5ZG-20A | MS 3320-10 | 483-G533-J1M1-B2S0ZN-10A |
| EN 2995-005A25A | 4120-G112-J2M1-K5S5ZG-25A | MS 3320-15 | 483-G533-J1M1-B2S0ZN-15A |
| | | MS 3320-20 | 483-G533-J1M1-B2S0ZN-20A |
| EN 2996-004A01A | 583-G824-J1M1-K5S1UG-1A | MS 3320-1V | 483-V533-J1M1-B2S0ZN-1A |
| EN 2996-004A02A | 583-G824-J1M1-K5S1UG-2A | MS 3320-2V | 483-V533-J1M1-B2S0ZN-2A |
| EN 2996-004A2A5 | 583-G824-J1M1-K5S1UG-2.5A | MS 3320-2.5V | 483-V533-J1M1-B2S0ZN-2.5A |
| EN 2996-004A03A | 583-G824-J1M1-K5S1UG-3A | MS 3320-3V | 483-V533-J1M1-B2S0ZN-3A |
| EN 2996-004A05A | 583-G824-J1M1-K5S1UG-5A | MS 3320-4V | 483-V533-J1M1-B2S0ZN-4A |
| EN 2996-004A7A5 | 583-G824-J1M1-K5S1UG-7.5A | MS 3320-5V | 483-V533-J1M1-B2S0ZN-5A |
| EN 2996-004A10A | 583-G824-J1M1-K5S1UG-10A | MS 3320-6V | 483-V533-J1M1-B2S0ZN-6A |
| EN 2996-004A15A | 583-G824-J1M1-K5S1UG-15A | MS 3320-7.5V | 483-V533-J1M1-B2S0ZN-7.5A |
| EN 2996-004A20A | 583-G824-J1M1-K5S1UG-20A | MS 3320-10V | 483-V533-J1M1-B2S0ZN-10A |
| EN 2996-004A25A | 583-G824-J1M1-K5S1UG-25A | MS 3320-15V | 483-V533-J1M1-B2S0ZN-15A |
| | | MS 3320-20V | 483-V533-J1M1-B2S0ZN-20A |
| EN 2996-005A01A | 583-G824-J1M1-K5S5UG-1A | AS 14154-1 | 583-G533-J1M1-B2S0XN-1A |
| EN 2996-005A02A | 583-G824-J1M1-K5S5UG-2A | AS 14154-2 | 583-G533-J1M1-B2S0XN-2A |
| EN 2996-005A2A5 | 583-G824-J1M1-K5S5UG-2.5A | AS 14154-2.5 | 583-G533-J1M1-B2S0XN-2.5A |
| EN 2996-005A03A | 583-G824-J1M1-K5S5UG-3A | AS 14154-3 | 583-G533-J1M1-B2S0XN-3A |
| EN 2996-005A05A | 583-G824-J1M1-K5S5UG-5A | AS 14154-4 | 583-G533-J1M1-B2S0XN-4A |
| EN 2996-005A7A5 | 583-G824-J1M1-K5S5UG-7.5A | AS 14154-5 | 583-G533-J1M1-B2S0XN-5A |
| EN 2996-005A10A | 583-G824-J1M1-K5S5UG-10A | AS 14154-6 | 583-G533-J1M1-B2S0XN-6A |
| EN 2996-005A15A | 583-G824-J1M1-K5S5UG-15A | AS 14154-7.5 | 583-G533-J1M1-B2S0XN-7.5A |
| EN 2996-005A20A | 583-G824-J1M1-K5S5UG-20A | AS 14154-10 | 583-G533-J1M1-B2S0XN-10A |
| EN 2996-005A25A | 583-G824-J1M1-K5S5UG-25A | AS 14154-15 | 583-G533-J1M1-B2S0XN-15A |
| | | AS 14154-20 | 583-G533-J1M1-B2S0XN-20A |
| EN 3661-005A20AD | 4140-G112-J1M1-K5S5TG-20A | | |
| EN 3661-005A25AD | 4140-G112-J1M1-K5S5TG-25A | | |