

ARMTEK ELEKTRİK SAN. VE TİC. A.Ş.

**VCB36T TYPE
MEDIUM VOLTAGE VACUUM CIRCUIT BREAKER**

CATALOGUE







**ARMTEK
VACUUM
CIRCUIT BREAKER**

Type	VCB36T-0202	VCB36T-0203
Breaking Medium	Vacuum	Vacuum
Rated Voltage (Ur)	36 kV	36 kV
Insulation Voltage (Ud)	85 kV	85 kV
Lightning Impulse Withstand Voltage (Up)	200 kV	200 kV
Rated Normal Current (Ir)	1250 A	2500 A
Rated Frequency (fr)	50 Hz	50 Hz
Short Circuit Current (Ik)	25 kA	25 kA
Peak withstand current (Ip)	62.5 kA	62.5 kA
Short circuit time (tk)	3 sec	3 sec
Auxiliary circuit voltage (Ua)	110 VDC (Motor - 110 VDC / / Coils – 110 VDC)	110 VDC (Motor - 110 VDC / / Coils – 110 VDC)
Operating cycle	ON - 0,3 sec - OFF-ON - 1 min. OFF- ON	ON - 0,3 sec - OFF-ON - 1 min. OFF-ON
Breaker Opening Time	25 (+ 5) msec	25 (+ 5) msec
Breaker Closing Time	50 (+ 10) msec	50 (+ 10) msec
Class	E2, C2, M2, S2	E2, C2, M2, S2
Dimensions (Width x Depth x Height)	1250x619x1116	1250x619x1116
Weight (kg)	315	350
Operating Conditions	Internal environment -25 (+40°C) ≤2100 Altitude	Internal environment -25 (+40°C) ≤2100 Altitude
Operating Life (Year)	30	30
Number of Breaking without requiring Maintenance		
- At Rated short circuit breaking current	>50	>50
- At 50% short circuit breaking current	>100	>100
- At Rated current	>30.000	>30.000
Reclosing Operation (With Reclose / Without Reclose)	With Reclose	With Reclose

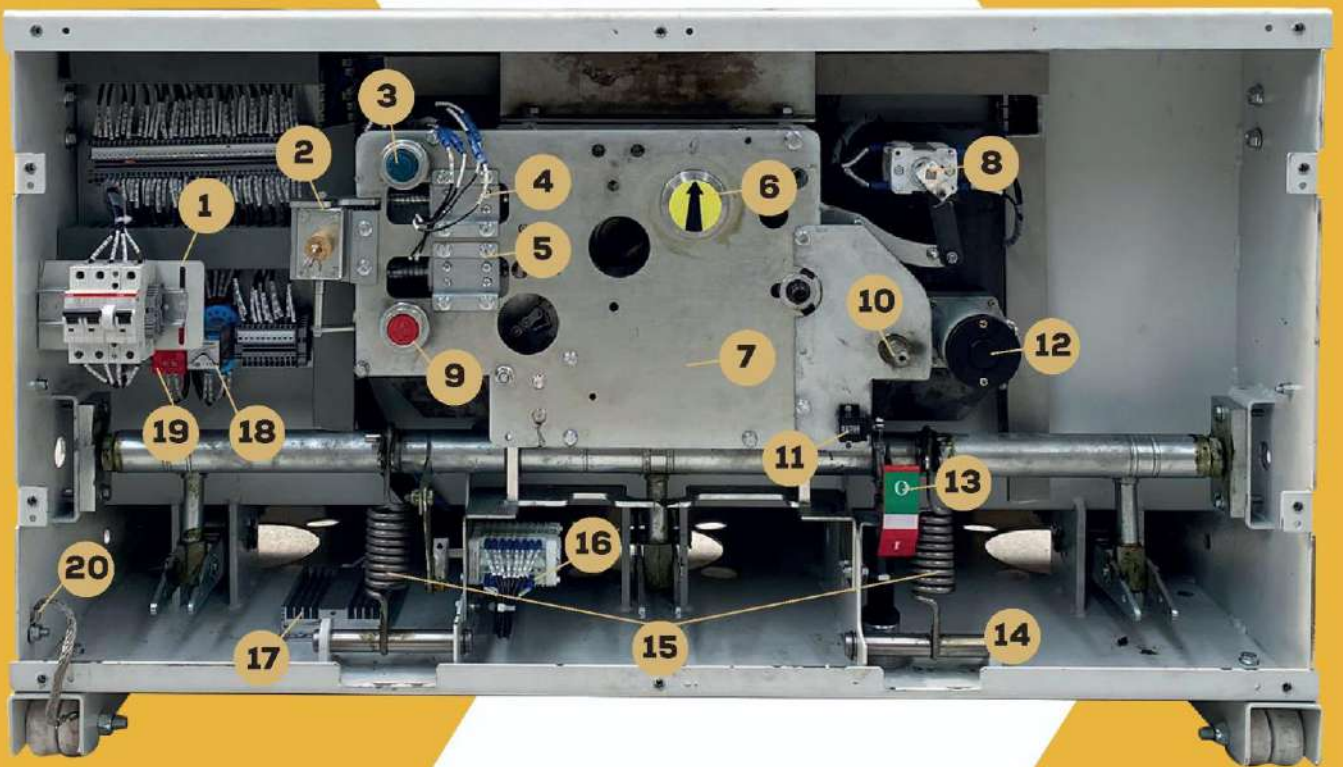


VACUUM CIRCUIT BREAKER MECHANISM:





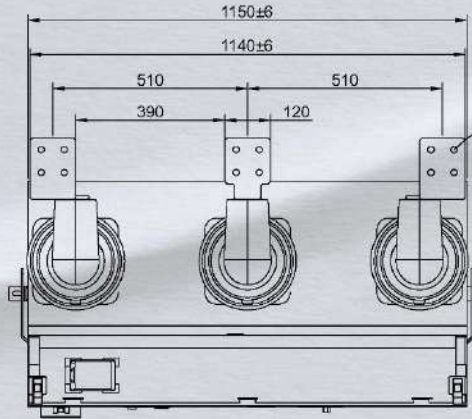
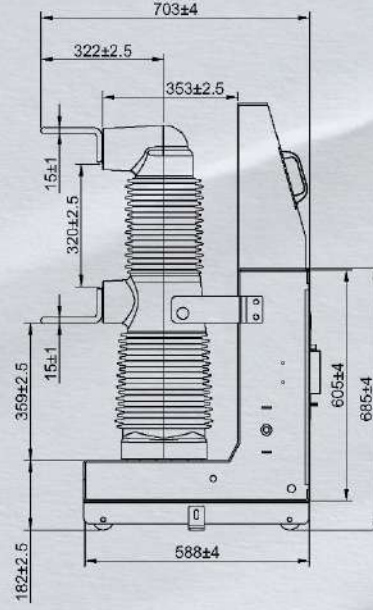
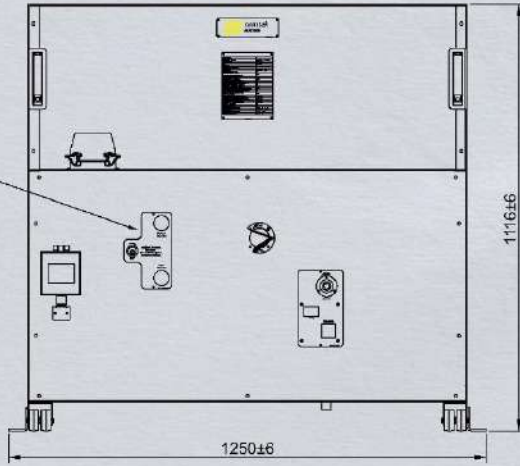
- 1) Breaker energy connection socket
- 2) Mechanism manual installation handle
- 3) Breaker electrical single line diagram
- 4) Breaker technical rating label
- 5) Fuse
- 6) Breaker mechanism lock
- 7) Breaker CLOSING button
- 8) Breaker OPENING button
- 9) Breaker "SPRING SET" - "SPRING OFF" indicator
- 10) Numerator
- 11) Mechanism manual installation place
- 12) Breaker ON-OFF position indicator



- 1) Fuse
- 2) Breaker mechanism lock
- 3) Breaker CLOSING button
- 4) Breaker CLOSING coil
- 5) Breaker OPENING coil
- 6) Breaker "SPRING SET" - "SPRING OFF" indicator
- 7) Breaker closing spring (behind sheet metal)
- 8) Auxiliary switch-1
- 9) Breaker OPENING button
- 10) Mechanism manual installation place
- 11) Numerator
- 12) Mechanism installation motor
- 13) Breaker ON-OFF position indicator
- 14) Shock absorber
- 15) Mechanism release springs
- 16) Auxiliary switch-2
- 17) Heater
- 18) Anti-pumping
- 19) Thermostat
- 20) Grounding conductor (PE)

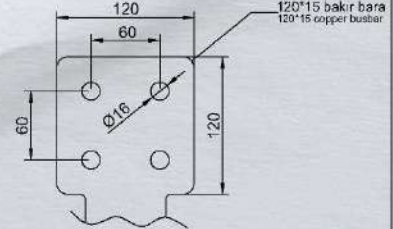
PRINCIPLE DRAWINGS

Mekanizma
Mechanism
MC36T-0203-53000



120°15 bakır bara
120°15 copper busbar

TERMINAL

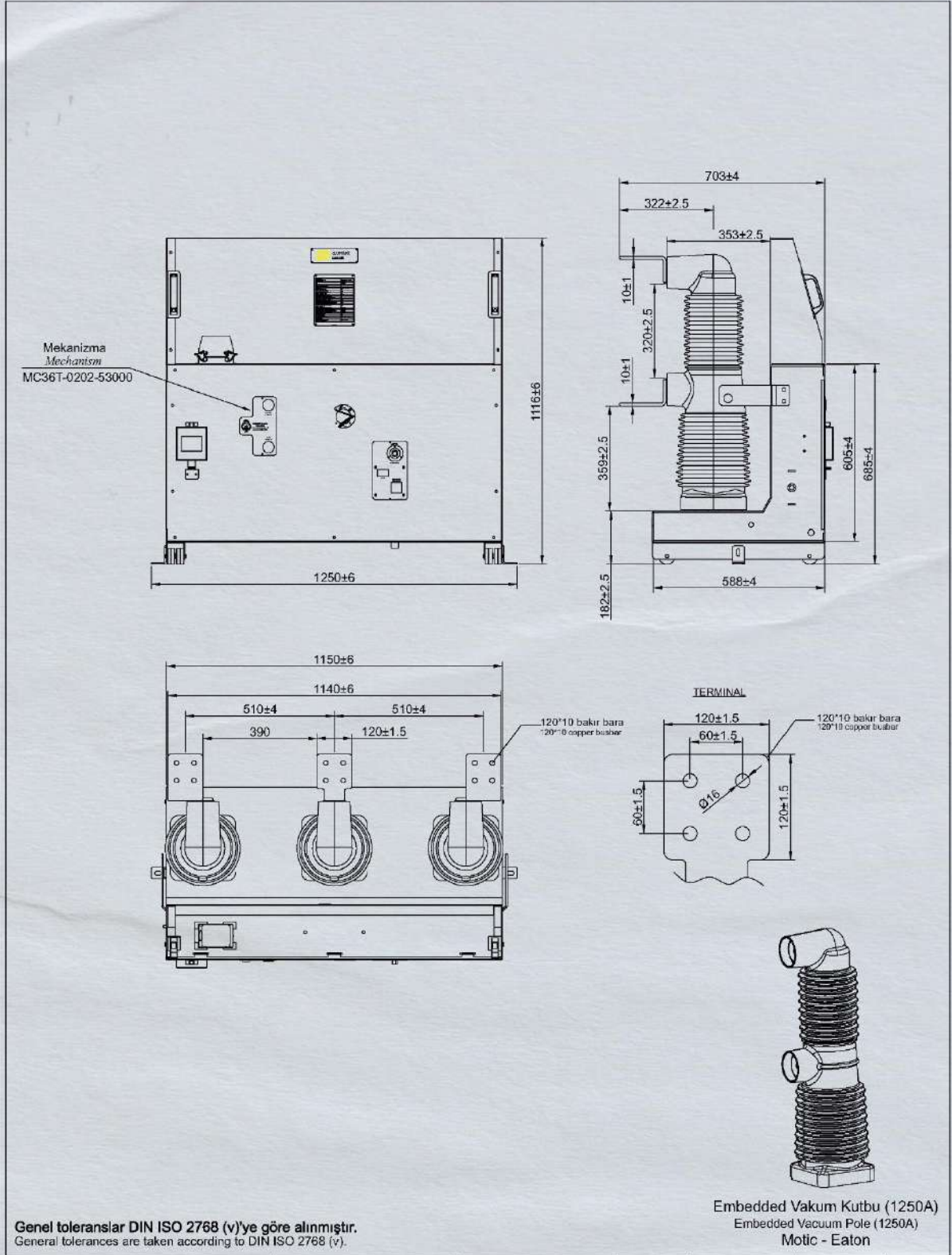


Embedded Vakum Kutbu (2500A)
Embedded Vacuum Pole (2500A)
Motic - Eaton

Genel toleranslar DIN ISO 2768 (v)'ye göre alınmıştır.
General tolerances are taken according to DIN ISO 2768 (v).

Parça Ad ı-Part Name	Malzeme-Material	Tarih-Date	İmza-Signature	Sayfa-Sheet	1/1
2500A VAKUMLU KESİCİ 2500A VACUUM CIRCUIT BREAKER (HARICI TİP)	Çizen-Drawn By A.KAAN ÖZMEN	26.01.2022		Ölçek-Scale	1:17
	Kontrol-Checked By A.OCAK	26.01.2022		Yön-Direction	
Resim No-Drawing Number VCB36T-0203-50000	Ağırlık-Weight (kg) 350				
	Kaplama Cinsi-Plating Type				
	Kap. Kalınlığı-Plating Thick.				


PRINCIPLE DRAWINGS



Parça Ad ı-Part Name	Malzeme-Material	Tarih-Date	İmza-Signature	Sayfa-Sheet	1/1
1250A VAKUMLU KESİCİ 1250A VACUUM CIRCUIT BREAKER (HARICI TİP)	Çizen-Drawn By	A.KAAN ÖZMEN	26.01.2022	Ölçek-Scale	1:17
	Kontrol-Checked By	A.ÖCAK	26.01.2022	Yön-Direction	
	Resim No- Drawing Number	Ağırlık- Weight (kg)	315		
VCB36T-0202-50000	Kaplama Cinsi-Plating Type				
	Kap. Kalınlığı-Plating Thick.				



armtek
ELEKTRİK

 [armtek.elektrik](https://www.instagram.com/armtek.elektrik)

 armtek@armtek.com.tr

