



S.E.T

PROJE NUMARASI : SDMHLLX
PROJECT DRAWING NO :
PROJE ADI : GENEL PROJE
PROJECT DRAWING NAME : GENERAL DRAWING

DM191

İŞ NUMARASI : SDMHLLX
JOB NUMBER :
PROJE ADI :
PROJECT NAME :
MÜŞTERİ :
CUSTOMER :
SON KULLANICI :
END USER :

İMALATCI : S.E.T
MANUFACTURER :
PANO TİPİ :
SWITCHBOARD TYPE : SM6-36

DÜZENLENME TARİHİ : 10.06.2017
EDIT DATE :

TARAFINDAN : CCA
BY :

KONTROL EDEN : MEM
CHECKED BY :

ONAYLAYAN : SAD
APPROVED BY :

REV.	TARİHİ / DATE	REVIZYON / REVISION DESCRIPTION	REV.	TARİHİ / DATE	REVIZYON / REVISION DESCRIPTION	MÜŞTERİ ADI / CUSTOMER NAME	SAYFA / TANIMI / PAGE DESCRIPTION	PROJE / PROJE	SAYFA / SAYISI / TOTAL PAGES
C	10.06.2017	SEMANTİK GÜNCELLENDİ / SCHEMA UPDATED				S.E.T	SAYFA / TANIMI / PAGE DESCRIPTION	SDMHLLX	7
B	06.04.2017	SEMANTİK GÜNCELLENDİ / SCHEMA UPDATED					BASLIK / BAŞLIĞI / TITLE	SDMHLLX	
A	10.03.2017	İLK YATIRI / FIRST ISSUE					ÇİZİM / TANIMI / DRAWING DESCRIPTION	SDMHLLX	
REV.	TARİHİ / DATE	REVIZYON / REVISION DESCRIPTION	REV.	TARİHİ / DATE	REVIZYON / REVISION DESCRIPTION	MÜŞTERİ ADI / CUSTOMER NAME	SAYFA / TANIMI / PAGE DESCRIPTION	PROJE / PROJE	SAYFA / SAYISI / TOTAL PAGES
						Schneider Electric	PROJE TANIMI / PROJECT DESCRIPTION	SDMHLLX	7
							GENEL ÇİZİM / GENERAL DRAWING		
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ÇEŞİTLİ ELEMANLAR
MISCELLANEOUS COMPONENTS

IEC SEMBOL IEC SYMBOL	TANIMLAMA DESCRIPTION
	RÖLE - KONTAKTÖR INSTANTANEOUS COIL & CONTACTOR RELAY
	ISITICI REZİSTANS HEATING RESISTOR
	ÖLÇÜM AYARLI MEASURING DEVICE
	KORUMA RÖLESİ GİRİŞİ PROTECTION RELAY INPUT
	GERİLİM GÖSTERGESİ VOLTAGE INDICATOR
	TERMOSTAT / HİDROSTAT THERMOSTAT / HYDROSTAT
	LAMBA TUNGSTEN, NEON, LED INDICATOR TUNGSTEN, NEON, LED
	ZAMAN RÖLESİ ÇEKMEDE GEÇİKMELİ ON DELAY TIMER (TON)
	ZAMAN RÖLESİ BIRAKMADA GEÇİKMELİ OFF DELAY TIMER (TOF)
	TRANSÜSER TRANSUCER

IEC SEMBOL IEC SYMBOL	TANIMLAMA DESCRIPTION
	İKİ DURUMLU RÖLE BISTABLE RELAY
	AÇIK KONTAK MAKE CONTACT
	KAPALI KONTAK BREAK CONTACT
	ENVERSÖR KONTAK CHANGE OVER BREAK CONTACT
	BUTON NA PUSH BUTON N/O
	BUTON NK PUSH BUTON N/C
	2 POZİSYONLU SEÇİCİ ANAHTAR NA 2 POSITION TURN SWITCH N/O
	3 POZİSYONLU SEÇİCİ ANAHTAR NA 3 POSITION TURN SWITCH N/O
	TNC ANAHTAR TNC SWITCH
	OG AYIRMA KONTAĞI HV DISCONNECTING
	ÇOKLU KONNEKTÖR MULTI PIN CONNECTOR
	DA/DA GEÇİRİCİ DC/DC CONVERTER

IEC SEMBOL IEC SYMBOL	TANIMLAMA DESCRIPTION
	OG TOPRAK AYIRICISI MV EARTHING SWITCH
	OG KESİCİ MV CIRCUIT BREAKER
	SINIR ANAHTARI NA LIMIT SWITCH MAKE CONTACT
	SINIR ANAHTARI NK LIMIT SWITCH BREAK CONTACT
	OG KONTAKTÖR MV CONTACTOR
	AG DEVRE KESİCİ LV CIRCUIT BREAKER
	TERMAL/MANYETİK DEVRE KESİCİ THERMAL/MAGNETIC CIRCUIT BREAKER
	KABLO GİRİŞ / ÇIKIŞ CIRCUIT INPUT / OUTPUT
	PARAFİDÜR SURGE ARRESTER
	MEKANİK KİLİTLEME MECHANICAL INTERLOCK
	ELEKTRİKSEL KİLİTLEME ELECTRICAL INTERLOCK
	DA/DA GEÇİRİCİ DC/DC CONVERTER

IEC SEMBOL IEC SYMBOL	TANIMLAMA DESCRIPTION
	SİĞORTA FUSE
	KAÇAK AKIM SENSÖRÜ RESIDUAL CURRENT SENSOR
	AKIM TRAFOSU CURRENT TRANSFORMER
	TEST KUTUSU TEST BOX
	KLEMENS TERMINAL
	KORUMA TOPRAKLAMASI PROTECTIVE EARTH
	TORPAKLAMA EARTH-GROUND
	FONKSİYONEL CİHAZ FUNCTIONAL EQUIPMENT
	GERİLİM TRAFOSU VOLTAGE TRANSFORMER
	TEST KLEMENSİ TEST TERMINAL
	KORNA / SİREN HORN

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GENEL KARAKTERİSTİKLER: GENERAL CHARACTERISTICS:

PANO RENGI SWITCHBOARD COLOR	RAL9003	PAKETLEME TİPİ PACKING TYPE	NYLON NYLON
DOLAP ÜZERİ AG MALZEME ETİKETLEMESİ LV DEVICES LABELLING ON THE DOOR	YAPISKANLI ADHESIVE (STANDARD)	KLEMENS TİPİ TERMINAL TYPE	YAYIL YÜZLÜK YOK SPRING, NO RING USED
AG DOLAP AYDINLATMASI LV COMPARTMENT LIGHTING	YOK NO	OG BÖLMESİ AYDINLATMASI MV COMPARTMENT LIGHTING	VAR YES
AG PROJE İÇİNDE ATRICI MEKANİZMA ŞEMATİĞİ LV PROJECT CONTAINS SCHEMATIC IN THE MECHANISM OF LBS	YOK NO	AYTRICI BASINÇ ANAHTARI PRESSURE SWITCH ON LBS	VAR YES
HÜCRE İSTİTİCİSİ (KABLO BÖLMESİ) CUBICLE HEATING (CABLE COMPARTMENT)	VAR (THERMOSTAT) YES (BY THERMOSTAT)	GENİŞLETİLMİŞ AG DOLAP ENLARGED LV COMPARTMENT	YOK NO
KONTROL VE SİNYAL BESLEME GERİLİMİ CONTROL AND SIGNALING SUPPLY VOLTAGE	24 VDC	MOTOR BESLEME GERİLİMİ MOTOR SUPPLY VOLTAGE	24 VDC
İSTİTİCİ BESLEME GERİLİMİ HEATING SUPPLY VOLTAGE	220 VAC	DİĞER BESLEMELER OTHER SUPPLIES /
HÜCRE ETİKETLERİ TİPİ CUBICLE NAMEPLATES TYPE	SİYAH ZEMİN ÜZERİNE BEYZAL HARFLER - PLASTİK (STANDARD) WHITE LETTERS ON BLACK BACKGROUND - PLASTIC (STANDARD)		
AG MALZEME DOLAP İÇİ ETİKETLERİ LV DEVICES LABELLING INSIDE	SARIL ZEMİN ÜZERİNE SİYAH HARFLER - KAĞIT (STANDARD) BLACK LETTERS ON YELLOW BACKGROUND - PAPER (STANDARD)		
AG KABLO TİPİ VE YALITIM SEVİYESİ LV CABLE TYPE AND INSULATION LEVEL	H07ZK /H07ZL-K (0,75 KV HALOGENSİZ) <input type="checkbox"/> DİĞER H07ZK /H07ZL-K (0,75 KV HALOGEN FREE) <input type="checkbox"/> OTHER		
AKIM TRAFOSU KABLAJI CURRENT TRANSFORMATOR CABLING	<input type="checkbox"/> 2.5mm ² (STANDARD) / L1: GRİ / L2: SİYAH / L3: KAHVERENGİ / N: MAVİ 4mm ² (NON-STANDARD) / L1: GRAY / L2: BLACK / L3: BROWN / N: BLUE		
GERİLİM TRAFOSU KABLAJI VOLTAGE TRANSFORMATOR CABLING	<input type="checkbox"/> 1.5mm ² (STANDARD) / L1: GRİ / L2: SİYAH / L3: KAHVERENGİ / N: MAVİ 2.5mm ² (NON-STANDARD) / L1: GRAY / L2: BLACK / L3: BROWN / N: BLUE		
GÜÇ TRAFOSU KABLAJI POWER TRANSFORMATOR CABLING	<input type="checkbox"/> 2.5mm ² (800VA) / L1: GRİ / L2: SİYAH / L3: KAHVERENGİ / N: MAVİ 4mm ² (2500VA)		
KONTROL VE SİNYALİZASYON DEVRESİ KABLAJI CONTROL AND SIGNALING CIRCUIT CABLING	<input checked="" type="checkbox"/> 1.5mm ² (STANDARD) / L1: GRİ / L2: SİYAH / L3: KAHVERENGİ / N: MAVİ 2.5mm ² (NON-STANDARD)		
KESİCİ DONANIMI CB ASSEMBLY	<input checked="" type="checkbox"/> AÇMA BOBİNİ OPENING COIL / <input checked="" type="checkbox"/> KAPAMA BOBİNİ CLOSING COIL / <input checked="" type="checkbox"/> MOTOR MOTOR	<input type="checkbox"/> BASINÇ ANAHTARI PRESSURE SWITCH	<input type="checkbox"/> DÜŞÜK GERİLİM BOBİNİ UNDERVOLTAGE COIL / <input type="checkbox"/> MITOP BOBİNİ MITOP COIL
KESİCİ ÇEVİRİM HIZI CB OPERATING SEQUENCE	<input checked="" type="checkbox"/> A-0.3S-KA-3DK-KA / A-0.3S-KA-15S-KA / A-3DK-KA-3DK-KA O-0.35SEC-CO-3MIN-CO / O-0.35SEC-CO-15SEC-CO / O-3MIN-CO-3MIN-CO		
OG KESİCİ MEKANİK KAPAMA İPTALI MV CB MECHANICAL CLOSING CANCELLATION	<input type="checkbox"/> VAR / <input type="checkbox"/> YOK YES / NO		
KESİCİ KABLAJ DEĞİŞİKLİĞİ CB CABLING REVISION	<input type="checkbox"/> VAR / <input type="checkbox"/> YOK YES / NO		
HÜCRELER ARKASI KABLO BAĞLANTISI INTERCUBICLE CABLE CONNECTION	<input type="checkbox"/> VAR / <input checked="" type="checkbox"/> YOK YES / NO		
HÜCRELERİN GİDEĞEĞİ YER CUBICLE DESTINATION	<input checked="" type="checkbox"/> YURTDIŞI DOMESTIC / <input type="checkbox"/> YURTDIŞI ABROAD		
ETİKETLEME LABELLING	<input checked="" type="checkbox"/> TÜRKÇE TURKISH		

REVİ TARİHİ / REVİ DATE	REVİ TANIMI / REVİ DESCRIPTION	REVİ TARİHİ / REVİ DATE	REVİ TANIMI / REVİ DESCRIPTION
20.03.2017	ILK YAYIN / FIRST ISSUE		

S.E.T. Schneider Electric	MÜŞTERİ ADI / CUSTOMER NAME	PROJE TANIMI / PROJECT DESCRIPTION
		GENEL ÇİZİM / GENERAL DRAWING

SAVHA TANIMI / PAGE DESCRIPTION	SAVHA SAYISI / TOTAL PAGES
GENEL KARAKTERİSTİKLER GENERAL PROJE	SDMH.L1X BRO.00#

PROJE TANIMI / PROJECT DESCRIPTION	SAVHA SAYISI / TOTAL PAGES
GENEL ÇİZİM / GENERAL DRAWING	SDMH.L1X KŞ.

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**ELEKTRİKSEL KARAKTERİSTİK :
ELECTRICAL CHARACTERISTICS :**

ANMA GERİLİMİ (Ur / kV) 36kV
RATED VOLTAGE (Ur / kV)
İŞLETME GERİLİMİ (Un / kV)
RATED SERVICE VOLTAGE (Un / kV)

**İZOLASYON GERİLİM SEVİYESİ
RATED INSULATION LEVEL**

ŞEBEKE DAYANMA GERİLİMİ 50Hz - 1DK
POWER FREQUENCY WITHSTAND VOLTAGE 50Hz - 1min (Ud / RMS kV) 70kVrms-1mn
YILDIZLI DARBİ DAYANIMI GERİLİMİ 1.2/50 µs
LIGHTNING IMPULSE WITHSTAND VOLTAGE 1.2/50 µs (Up / kV peak) 170kV Peak

ANMA AKIMI VE MAKSİMUM KISA DEVRE DAYANIM AKIMI
RATED NORMAL CURRENT AND MAXIMUM SHORT TIME WITHSTAND CURRENT

KISA SÜRELİ AKIM DAYANIMI
SHORT TIME WITHSTAND CURRENT (Ik / ka - tk / s)
KISA DEVRE DAYANIMI @ 50Hz
SHORT CIRCUIT MAKING CURRENT @ 50Hz (Ip / peak value kA)
BARA ANMA AKIMI
BUSBAR RATED CURRENT 630A
BARA RENK KODLAMASI
BUSBAR COLOUR CODING
FREKANS
RATED FREQUENCY 50Hz

İÇ ARK SINIFI
INTERNAL ARC CLASSIFICATION
İÇ ARK AKIMI
INTERNAL ARC CURRENT (Ia / ka)
İÇ ARK SINIFI (IAC) VE SÜRESİ
INTERNAL ARC CLASSIFICATION (IAC) AND TIME (ta / s)
TOPRAKLAMA SİSTEMİ
NEUTRAL SYSTEM NETWORK
ORTAM SICAKLIĞI
AMBIENT TEMPERATURE
RAKIM
ALTITUDE
ORTALAMA BAĞIL NEM
AVERAGE RELATIVE HUMIDITY
KORUMA DEREJESİ
DEGREE OF PROTECTION
OG KABLO KUTUSU
MV CABLE BOX
 VAR
 YOK

NA
 NA
 AFL (3 SIDES)
BİLİNMEYEN
UNKNOWN
 ≤40°(STANDARD)
 ≤45°(SPECIAL)
 ≤50°(SPECIAL)
 ≤55°(SPECIAL)
 ≤1000m
 >1000m / (BKZ NOT 1) (SEE NOTE 1)
≤95% ON 24 H / ≤90% ON 1 MONTH
 J1P3X
HÜCRELER
UNITS
 VAR
 YOK
 J1P2XC
BÖLÜMLER ARASI
BETWEEN COMPARTMENTS

NOT 1: 1000m ALTINDA VERİMSİZLİK KATSAYISI UYGULANIR. LÜTFEN DANIŞINIZ.
NOTE 1: ABOVE 1000m, A DERATING COEFFICIENT IS APPLIED, PLEASE CONSULT US

REVİZYON TARİHİ / DATE	REVİZYON TARİHİ / DATE	REVİZYON TARİHİ / DATE	REVİZYON TARİHİ / DATE	REVİZYON TARİHİ / DATE	REVİZYON TARİHİ / DATE	REVİZYON TARİHİ / DATE	REVİZYON TARİHİ / DATE	REVİZYON TARİHİ / DATE	REVİZYON TARİHİ / DATE
A	20.03.2017	İLK YAYIN / FIRST ISSUE							
B									
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Y									
Z									

S.E.T. Müşteri Adı / Customer Name: Schneider Electric

Proje Tanımı / Project Description: PROJE TANIMI / PROJECT DESCRIPTION

Sayfa Tanımı / Page Description: SAYFA TANIMI / PAGE DESCRIPTION

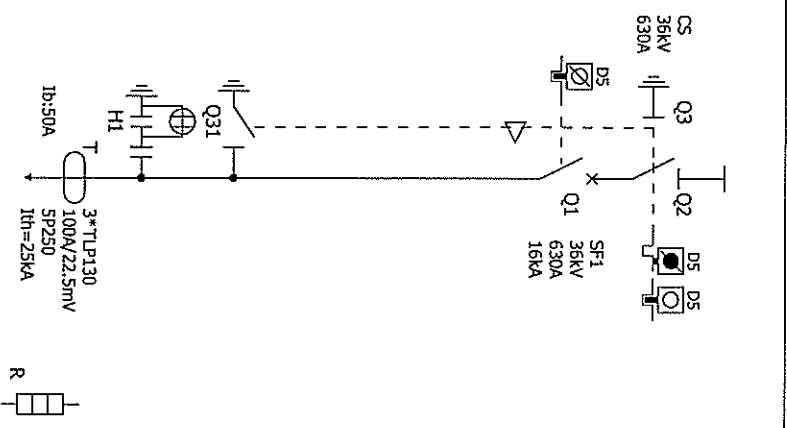
Proje No / Project No: SDMH.1X

Sayfa No / Page No: 7

Sayfa Sayısı / Total Pages: 7

Çizim Numarası / Drawing Number: SDMH.1X

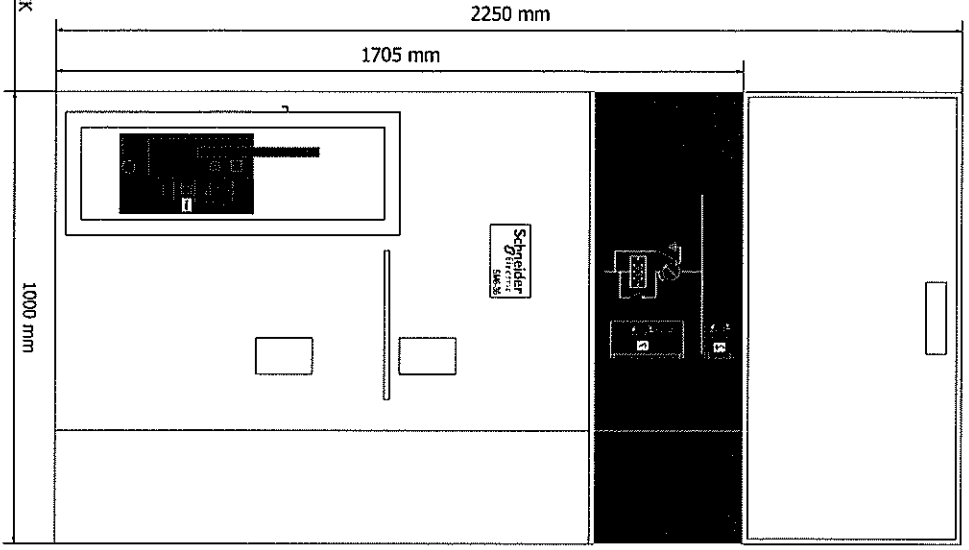
Ur: 36kV , Ir: 630A , Ik: 16kA/1k:1s , fr: 50Hz



KABLO TIPI	3*1*240mm ²
CABLE TYPE	
HUGRE TIPI	DM1-A
CUBICLE TYPE	
HUGRE ADI	CIKİS
CUBICLE NAME	
JGILI PROJE REFERANSIARI REFERERED DRAWING REFERENCES	51256478 B 706006 E0 DM1A-542 C

REV	TARİH DATE	REVIZYON TANIMI REVISION DESCRIPTION	REV	TARİH DATE	REVIZYON TANIMI REVISION DESCRIPTION
C	10.06.2017	SEMANTİK GÜNCELLENDİ / SCHEMA UPDATED			
B	06.04.2017	SEMANTİK GÜNCELLENDİ / SCHEMA UPDATED			
A	20.03.2017	İKİ YANIN / FIRST ISSUE			
S.E.T		MÜŞTERİ ADI CUSTOMER NAME	SAYFA SAYISI TOTAL PAGES		
Schneider Electric		PROJE TANIMI PROJECT DESCRIPTION	7		
		GENEL ÇİZİM GENERAL DRAWING	SAYFA SAYISI TOTAL PAGES		
			7		
		PROJE TANIMI PROJECT DESCRIPTION	SAYFA SAYISI TOTAL PAGES		
		TEK HAT SEMASİ ÇİZİM TANIMI DRAWING DESCRIPTION	7		
		GENEL PROJE GENERAL DRAWING	SAYFA SAYISI TOTAL PAGES		
			7		
		PROJE PROJESİ	SAYFA SAYISI TOTAL PAGES		
		SDMH.1X	7		
		BFD ÖP#	SAYFA SAYISI TOTAL PAGES		
			7		
		ÇİZİM NUMARASI DRAWING NUMBER	SAYFA SAYISI TOTAL PAGES		
		SDMH.1X	7		

NOTE: HÜCRE DERİNLİĞİ : 1400mm
NOTE: CUBICLE DEPTH: 1400mm



HÜCRE TİPİ CUBICLE TYPE	DM1-A
HÜCRE ADI CUBICLE NAME	ÇIKIŞ

GENEL YERLEŞİM VE TEMEL UYGULAMASI İÇİN 51254370 REF. NOLLU DÖKÜMÜNE BAKINIZ.
FOR INSTALLATION AND CIVIL ENGINEERING REFER TO LEAFLET 51254370.

REV. TARİHİ	REV. TARİHİ	REV. TARİHİ	REV. TARİHİ
A	2003.2017		
REV. TARİHİ	REV. TARİHİ	REV. TARİHİ	REV. TARİHİ
REV. TARİHİ	REV. TARİHİ	REV. TARİHİ	REV. TARİHİ

S.E.T.	MÜŞTERİ ADI / CUSTOMER NAME
Schneider Electric	PROJE TANIMI / PROJECT DESCRIPTION
	GENERAL DRAWING

SAYFA TANIMI / PAGE DESCRIPTION	PANO ÖNGÜRÜMÜ / PANEL FORECAST
	GENEL PROJE / GENERAL DRAWING

PROJE / PROJECT	SDMH.1X
BFO DDP #	
SAYFA SAYISI / TOTAL PAGES	7
GENEL PROJE	SDMH.1X



S.E.T

PROJE NUMARASI : DMA1A-542
PROJECT DRAWING NO : DMA1A
PROJE ADI : DMA1A
PROJECT DRAWING NAME : DMA1A-542 CONTROL DIAGRAMS

İŞ NUMARASI : DMA1A-542
JOB NUMBER :
PROJE ADI :
PROJECT NAME :
MÜŞTERİ :
CUSTOMER :
SON KULLANICI :
END USER :

İMALATÇI : S.E.T
MANUFACTURER :
PANO TİPİ :
SWITCHBOARD TYPE : SM6-36

DÜZENLENME TARİHİ : 15.06.2017
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C	10.06.2017	KEMENŞ EKLENİDİ / TERM. ADDED
B	04.04.2017	ETİKET DEĞ. / LABEL MOJDE
A	14.03.2017	İLK YAYIN / FIRST ISSUE

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MÜŞTERİ ADI / CUSTOMER NAME	PROJE TANIMI / PROJECT DESCRIPTION
S.E.T	DMA1A-542 CONTROL DIAGRAMS

SAYFA / PAGE	SAYFA / PAGE
BASLIK / TITLE	DMA1A-542 CONTROL DIAGRAMS
CİZİM / DRAWING	DMA1A-542 CONTROL DIAGRAMS

PROJE / PROJECT	SAYFA / PAGE
DMA1A-542	1
BFO OPP #	
CİZİM / DRAWING	DMA1A-542

SAYFA SHEET	AÇIKLAMA DESIGNATION	REVIZYON İNDEKSİ CHANGE INDEX	SAYFA SHEET	AÇIKLAMA DESIGNATION	REVIZYON İNDEKSİ CHANGE INDEX
1	BAŞLIK SAYFASI TITLE PAGE	A B C			
2	İÇİNDEKİLER SAYFASI TABLE OF CONTENTS	A B C			
3	SEMBOLLER SYMBOLS	A			
4	GÜÇ DEVRESİ POWER CIRCUIT	A			
5	GÜÇ DEVRESİ POWER CIRCUIT	A			
6	GÜÇ DEVRESİ POWER CIRCUIT	A			
7	YARDIMCI BESLEMELER AUXILIARY SUPPLY	A C			
8	KAPAMA DEVRESİ CLOSING CIRCUIT	A			
9	AÇMA DEVRESİ TRIPPING CIRCUIT	A			
10	KORUMA RÖLESİ PROTECTION RELAY	A			
11	SİNYALİZASYON SIGNALLING	A			
12	AG DOLAP ÖN GÖRÜNÜŞÜ LV PANEL FRONT VIEW	A B			
13	MALZEME LİSTESİ PARTS LIST	A C			
14	MALZEME LİSTESİ PARTS LIST	A C			
15	MALZEME LİSTESİ PARTS LIST	A C			
16	KLEMENS LİSTESİ TERMINAL DIAGRAM	A C			
17	KLEMENS LİSTESİ TERMINAL DIAGRAM	A C			
18	KLEMENS LİSTESİ TERMINAL DIAGRAM	C			















































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REV. TRAHİT TARİHİ / REVISION DATE		REV. TRAHİT TARİHİ / REVISION DATE	



S.E.T.	MÜŞTERİ ADI / CUSTOMER NAME	PROJE PROJESİ / PROJECT	SAYFA SAYISI / TOTAL PAGES
PROJE TANIMI / PROJECT DESCRIPTION	DM1A-542 CONTROL DIAGRAMS	PROJE PROJESİ / PROJECT	DM1A-542
SAYFA TANIMI / PAGE DESCRIPTION	İÇİNDEKİLER SAYFASI / TABLE OF CONTENTS	PROJE PROJESİ / PROJECT	DM1A-542
SAYFA TANIMI / PAGE DESCRIPTION	DM1A-542 CONTROL DIAGRAMS	PROJE PROJESİ / PROJECT	DM1A-542

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ÇEŞİTLİ ELEMANLAR
MISCELLANEOUS COMPONENTS

IEC SEMBOL IEC SYMBOL	TANIMLAMA DESCRIPTION
	RÖLE - KONTAKTÖR INSTANTANEOUS COIL & CONTACTOR RELAY
	ISITICI REZİSTANS HEATING RESISTOR
	ÖLÇÜM AYGITTI MEASURING DEVICE
	KORUMA RÖLESİ GİRİŞİ PROTECTION RELAY INPUT
	DIYOT DIODE
	GERİLİM GÖSTERGESİ VOLTAGE INDICATOR
	TERMOSTAT / HIDROSTAT THERMOSTAT / HYDROSTAT
	LAMBA TUNGSTEN, NEON, LED INDICATOR TUNGSTEN, NEON, LED
	ZAMAN RÖLESİ ÇEKMEDE GEÇİKMELİ ON DELAY TIMER (TON)
	ZAMAN RÖLESİ BIRAKMADA GEÇİKMELİ OFF DELAY TIMER (TOF)
	TRANSDÜSER TRANSDUCER
	İKİ DURUMLU RÖLE BISTABLE RELAY
	ACIK KONTAK MAKE CONTACT
	KAPALI KONTAK BREAK CONTACT
	ENVERSÖR KONTAK CHANGE OVER BREAK CONTACT
	BUTTON NA PUSH BUTTON N/O
	BUTTON NK PUSH BUTTON N/C
	2 POZİSYONLU SEÇİCİ ANAHTAR NA 2 POSITION TUM SWITCH N/O
	3 POZİSYONLU SEÇİCİ ANAHTAR NA 3 POSITION TUM SWITCH N/O
	TNC ANAHTAR TNC SWITCH
	OG AYIRILMA KONTAĞI HV DISCONNECTING
	ÇOKLU KONNEKTÖR MULTIPIN CONNECTOR
	DA/DA ÇEVİRİCİ DC/AC CONVERTER
	OG TOPRAK AYIRICISI MV EARTHING SWITCH
	OG KESİCİ MV CIRCUIT BREAKER
	SINIR ANAHTAR NA LIMIT SWITCH MAKE CONTACT
	SINIR ANAHTAR NK LIMIT SWITCH BREAK CONTACT
	OG KONTAKTÖR MV CONTACTOR
	AG DEVRE KESİCİ LV CIRCUIT BREAKER
	TERMAL/MANYETİK DEVRE KESİCİ THERMAL/MAGNETIC CIRCUIT BREAKER
	KABLO GİRİŞİ / ÇIKIŞI CABLE INPUT / OUTPUT
	PARAPUZ SURGE ARRESTER
	MEKANİK KİLİTLEMİ MECHANICAL INTERLOCK
	ELEKTRİKSEL KİLİTLEMİ ELECTRICAL INTERLOCK
	DA/DA ÇEVİRİCİ DC/DC CONVERTER
	SİGORTA FUSE
	KAÇAK AKIM SENSÖRÜ RESIDUAL CURRENT SENSOR
	AKIM TRAFOSU CURRENT TRANSFORMER
	TEST KUTUSU TEST BOX
	KLEMENS TERMINAL
	KORUMA TOPRAKLAMASI PROTECTIVE EARTH
	TOPRAKLAMA EARTH-GROUND
	FONKSİYONEL CİHAZ FUNCTIONAL EQUIPMENT
	GERİLİM TRAFOSU VOLTAGE TRANSFORMER
	TEST KLEMENSİ TEST TERMINAL
	KORUMA / SİREN HORN

REVİZYON TARİHİ / FIRST ISSUE	REVİZYON TARİHİ / FIRST ISSUE	REVİZYON TARİHİ / FIRST ISSUE	REVİZYON TARİHİ / FIRST ISSUE
REVİZYON / ZAMİMİ / REVISION DESCRIPTION	REVİZYON / ZAMİMİ / REVISION DESCRIPTION	REVİZYON / ZAMİMİ / REVISION DESCRIPTION	REVİZYON / ZAMİMİ / REVISION DESCRIPTION

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SEMİOLLER

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DM1A-542

BFO 099 #

SAYFA SAYISI / TOTAL PAGES

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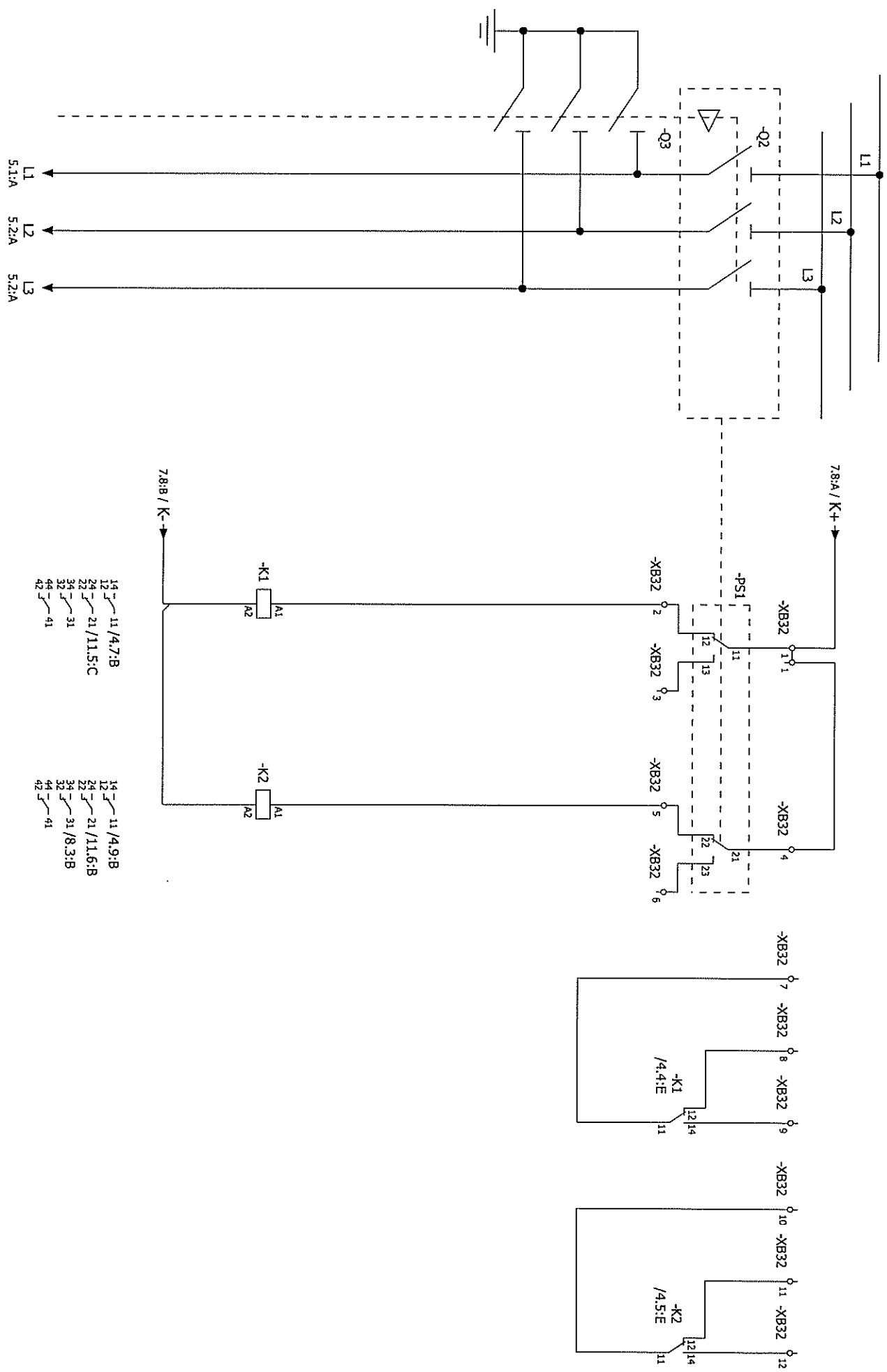
DM1A-542

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1 GÜÇ DEVRESİ
2 POWER CIRCUIT

5 BASINÇ ANAHTARI
6 PRESSURE SWITCH

7 BASINÇ BİLGİSİ KONTAKLARI
8 PRESSURE INFORMATION CONTACTS



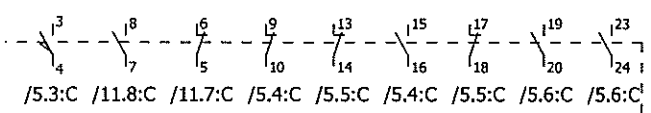
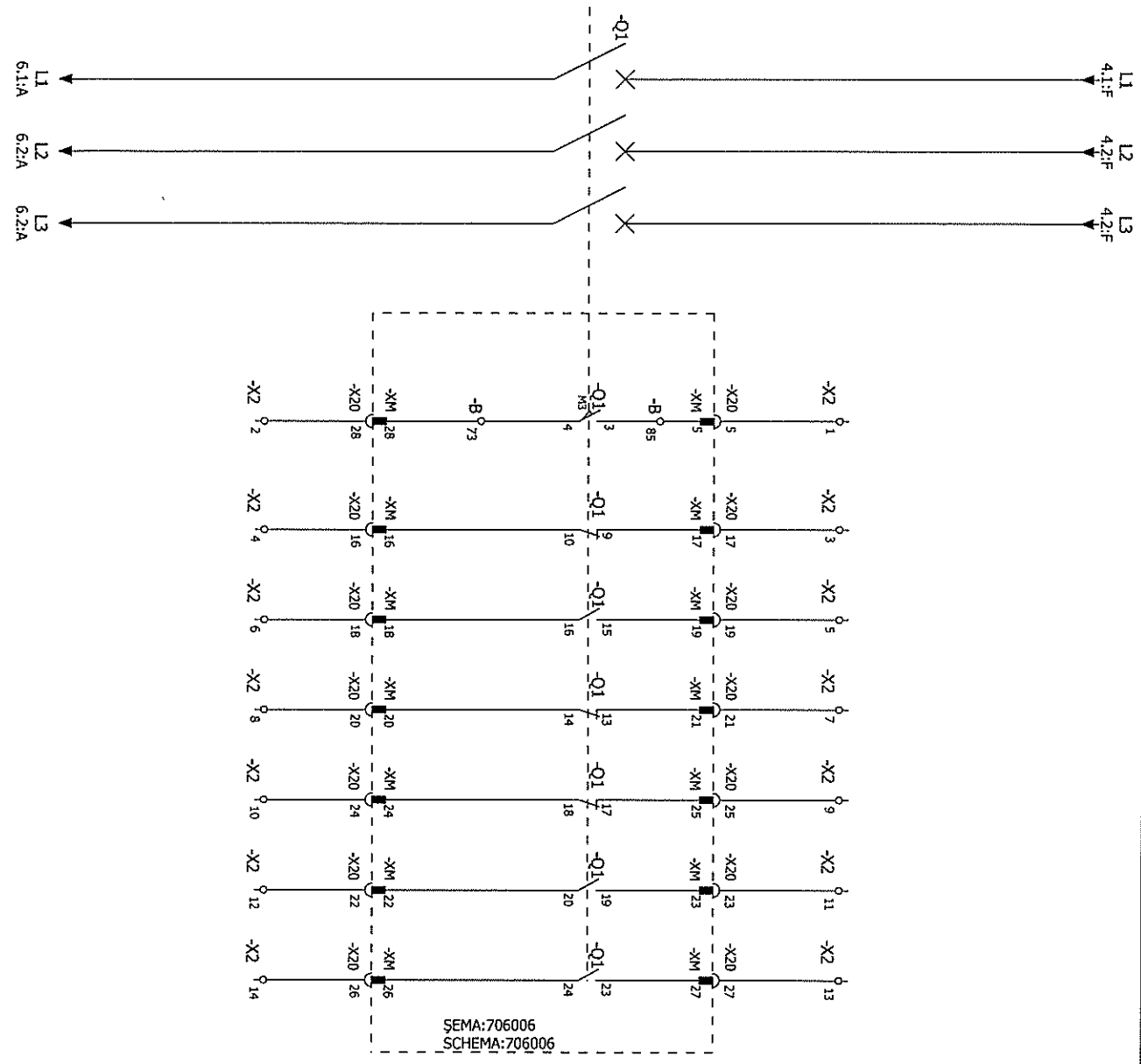
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|----|----|---------|
| 19 | 11 | /4.7:B |
| 12 | 21 | /11.5:C |
| 29 | 31 | |
| 22 | 31 | |
| 34 | 31 | |
| 32 | 31 | /8.3:B |
| 44 | 41 | |
| 42 | 41 | |

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A	14.03.2017		
	İLK YAYIN / FIRST ISSUE		
	REVİZYON TANIMI / REVISION DESCRIPTION		

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SAYFA TANIMI / PAGE DESCRIPTION	GÜÇ DEVRESİ / POWER CIRCUIT	REV. NO. / REV. NO.
SAYFA TANIMI / PAGE DESCRIPTION	GÜÇ DEVRESİ / POWER CIRCUIT	DM1A-542

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GÜÇ DEVRESİ
KURMA SONU KONTAKI
END OF CHARGING CONTACT
KESİCİ YARDIMCI KONTAKLARI
C.B. AUXILIARY CONTACTS



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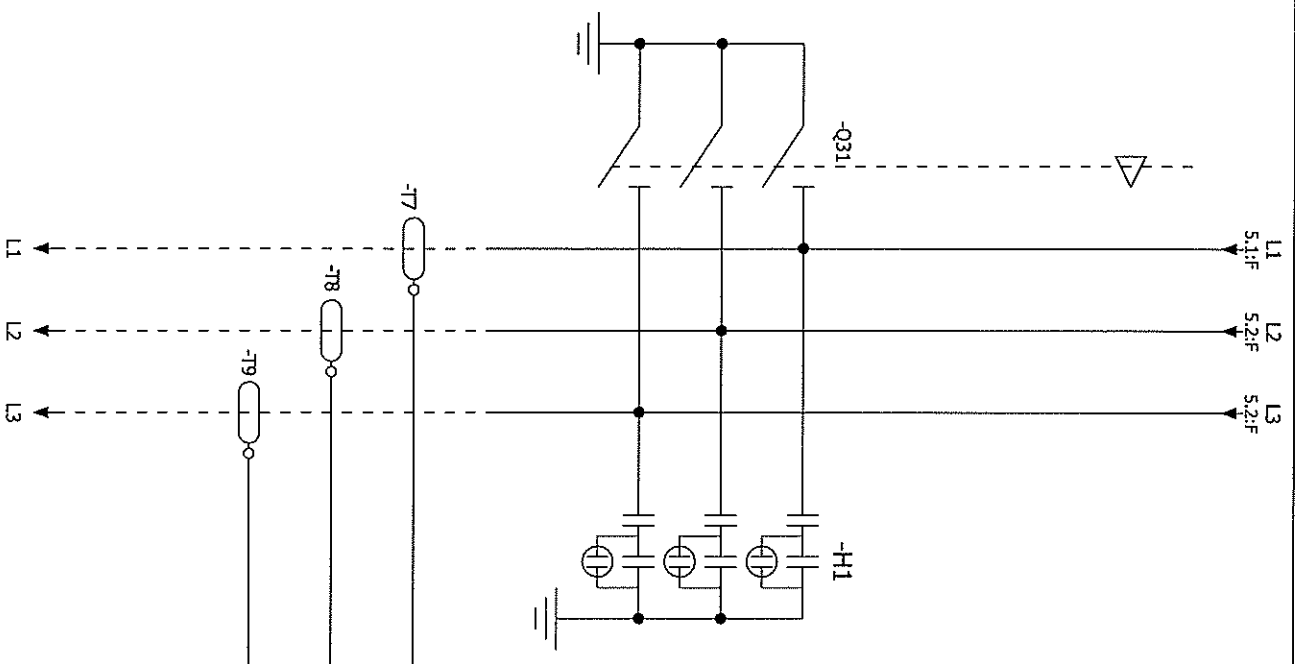
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GÜÇ DEVRESİ
ÇİZİM TANIMI / DRAWING DESCRIPTION
DM1A-542 CONTROL DIAGRAMS

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GUÇ DEVRESİ
POWER CIRCUIT

KORUMA DEVRESİ
PROTECTION CIRCUIT



-F1	11	11
/10.1:A,		
-O8L1	11	
-T7		
-O8L2	12	
-T8		
-O8L3	13	
-T9		
-F1	10	
/10.1:A		
-O8L18	10	
-O8L19	10	

REV. TARİHİ / DATE	REV. TARİHİ / DATE	REV. TARİHİ / DATE	REV. TARİHİ / DATE
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DM1A-542 CONTROL DIAGRAMS

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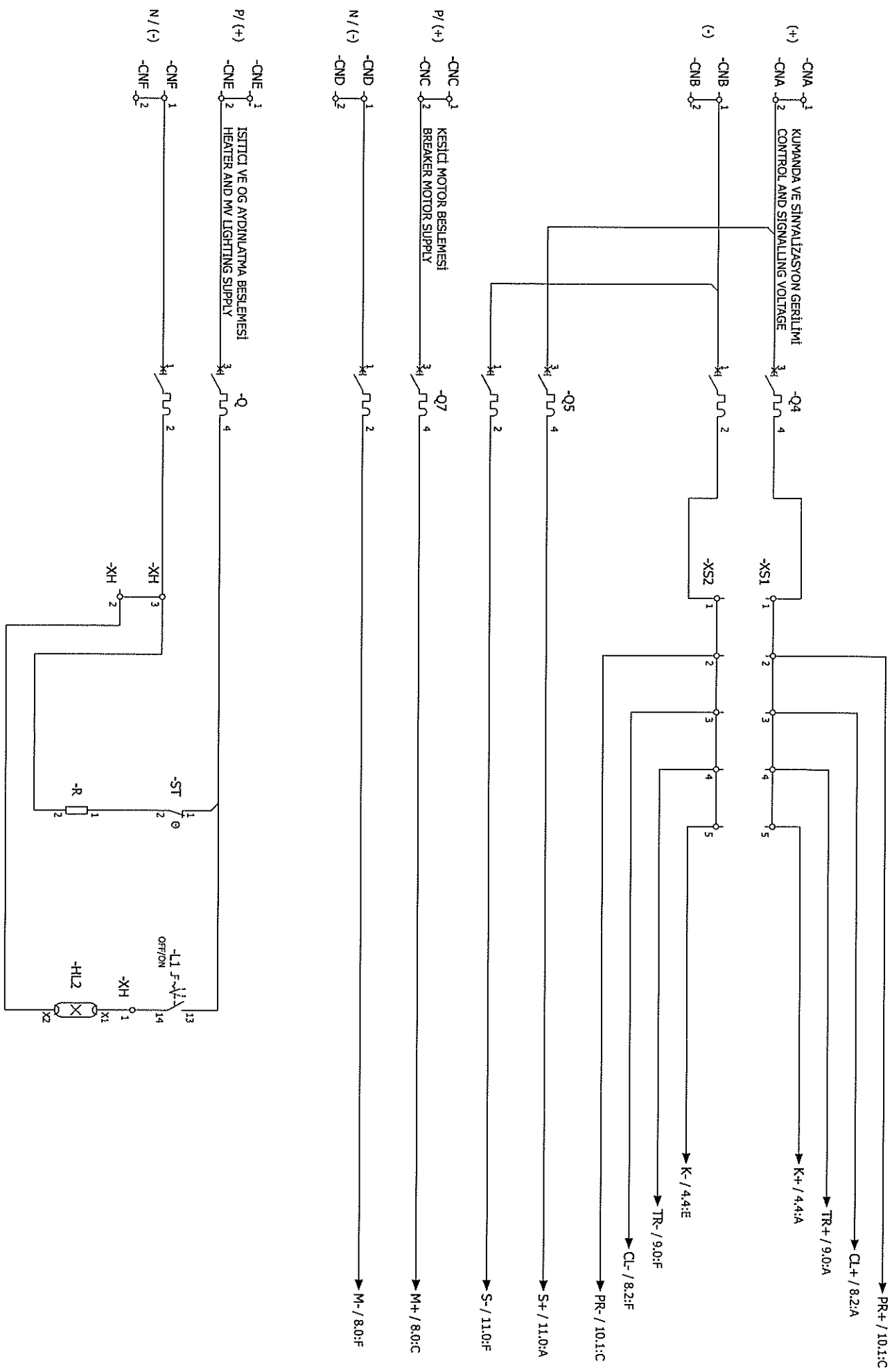
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DM1A-542

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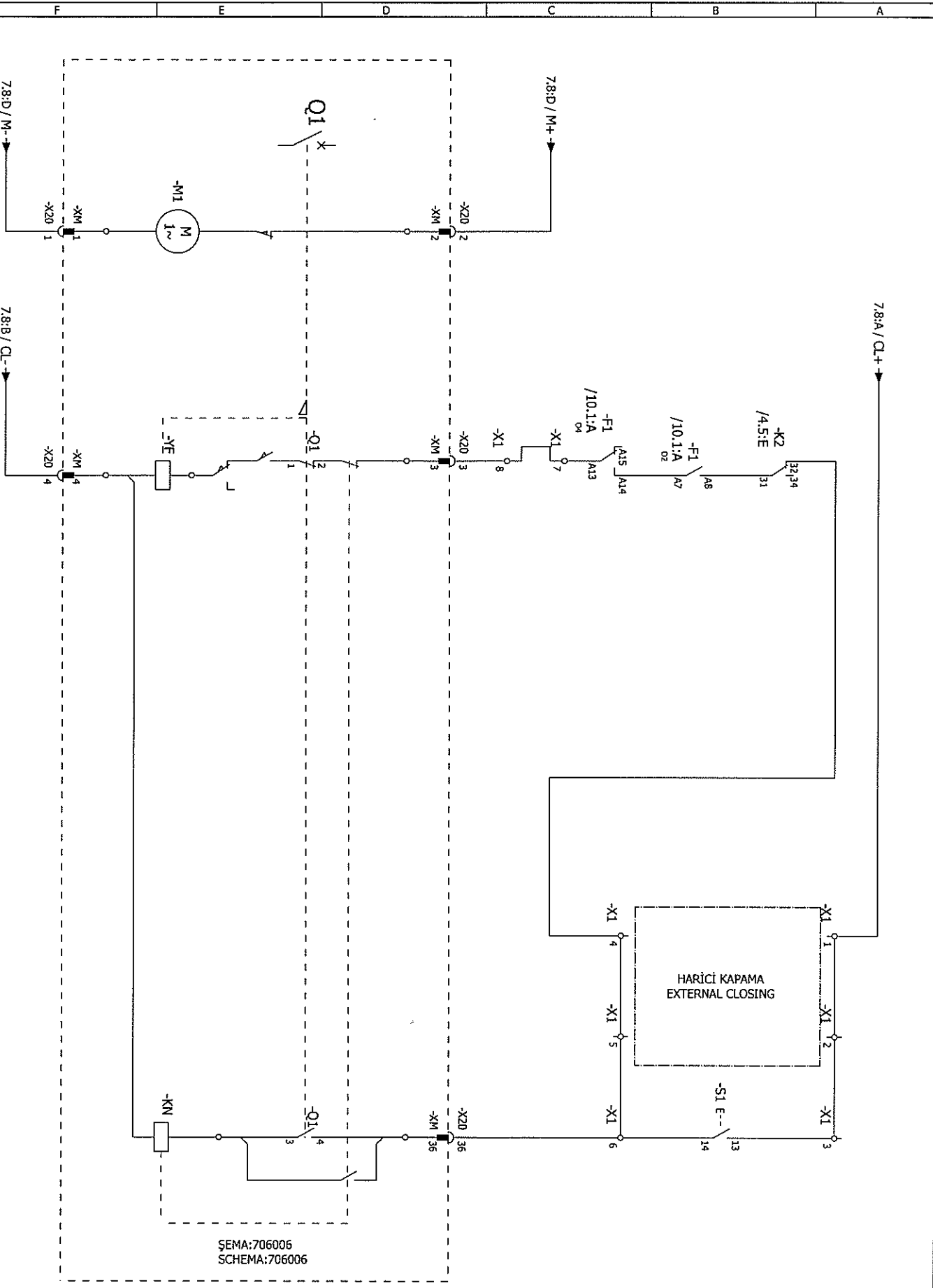
YARDIMCI BESEME
AUXILIARY SUPPLY

ISITICI
HEATER

OG AYDINLATMA
MV LIGHTING



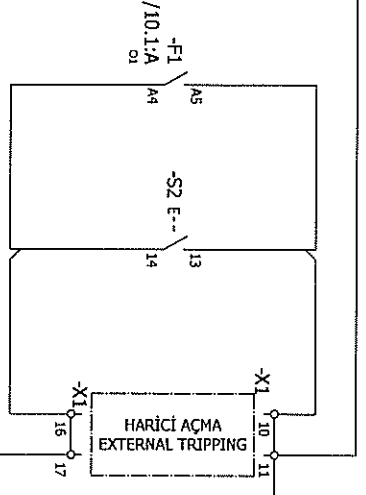
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16.08.2017	14.03.2017								
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Schneider Electric					ÇİZİM NUMARASI / DRAWING NUMBER				
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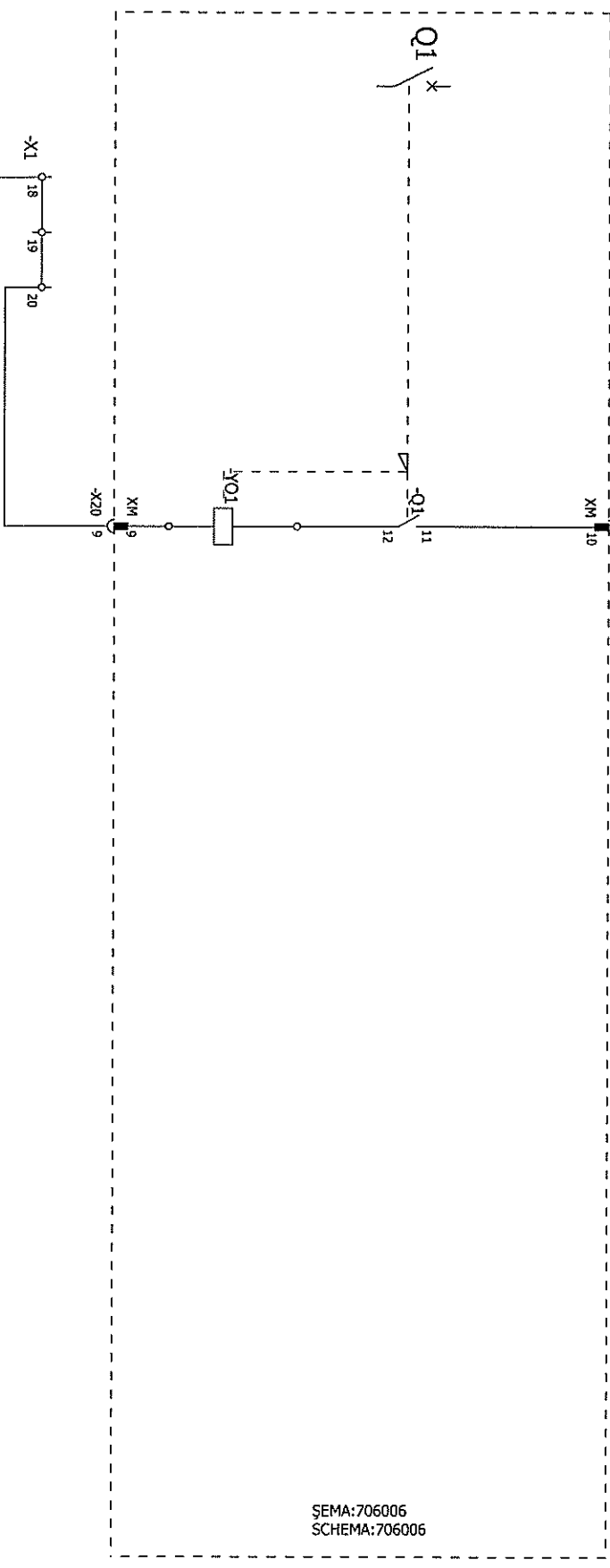
7.8.A / TR++



-X1 12 13 14 15

-X20 10 XM 10

Q1 X

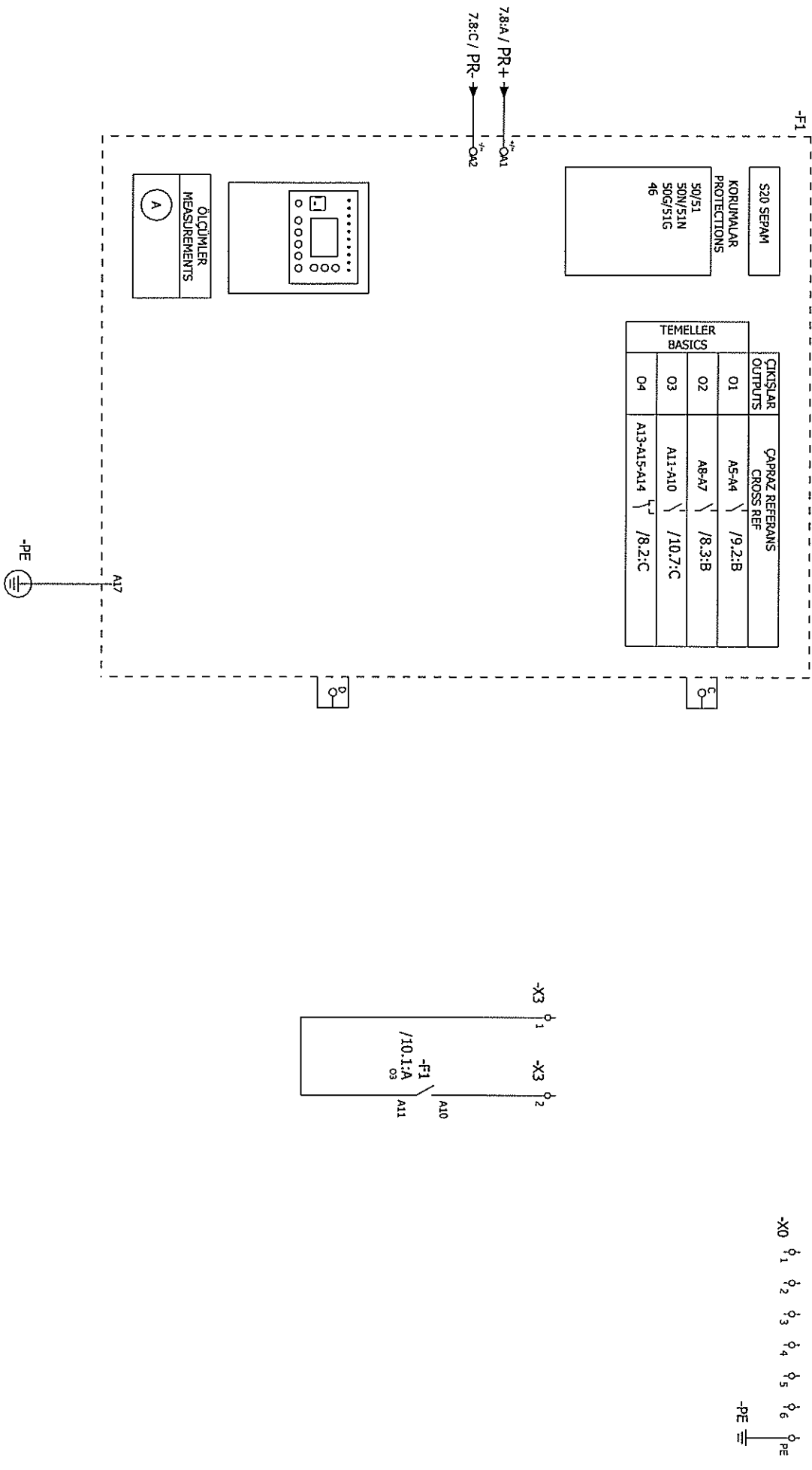


7.8.B / TR--

ŞEMA:706006
 SCHEMA:706006

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14.03.2017	14.03.2017	14.03.2017	14.03.2017	14.03.2017	14.03.2017	14.03.2017	14.03.2017	14.03.2017	14.03.2017
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DM1A-542 CONTROL DIAGRAMS	DM1A-542 CONTROL DIAGRAMS	DM1A-542 CONTROL DIAGRAMS	DM1A-542 CONTROL DIAGRAMS	DM1A-542 CONTROL DIAGRAMS	DM1A-542 CONTROL DIAGRAMS	DM1A-542 CONTROL DIAGRAMS	DM1A-542 CONTROL DIAGRAMS	DM1A-542 CONTROL DIAGRAMS	DM1A-542 CONTROL DIAGRAMS
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DM1A-542	DM1A-542	DM1A-542	DM1A-542	DM1A-542	DM1A-542	DM1A-542	DM1A-542	DM1A-542	DM1A-542
BRO DİĞ. #	BRO DİĞ. #	BRO DİĞ. #	BRO DİĞ. #	BRO DİĞ. #	BRO DİĞ. #	BRO DİĞ. #	BRO DİĞ. #	BRO DİĞ. #	BRO DİĞ. #
DM1A-542	DM1A-542	DM1A-542	DM1A-542	DM1A-542	DM1A-542	DM1A-542	DM1A-542	DM1A-542	DM1A-542
SAYFA SAYISI TOTAL PAGES	SAYFA SAYISI TOTAL PAGES	SAYFA SAYISI TOTAL PAGES	SAYFA SAYISI TOTAL PAGES	SAYFA SAYISI TOTAL PAGES	SAYFA SAYISI TOTAL PAGES	SAYFA SAYISI TOTAL PAGES	SAYFA SAYISI TOTAL PAGES	SAYFA SAYISI TOTAL PAGES	SAYFA SAYISI TOTAL PAGES
18	18	18	18	18	18	18	18	18	18
REV.	REV.	REV.	REV.	REV.	REV.	REV.	REV.	REV.	REV.

KORUMA RÖLESİ
PROTECTION RELAY
YEDEK KLEMENSİLER
SPARE TERMINALS



REV. TARİHİ / DATE	REV. / DATE	REV. / TARİHİ / DATE	REV. / TARİHİ / DATE	REV. / TARİHİ / DATE
A	14.03.2017	İLK YANIT / FIRST ISSUE		
		REVIZYON / REVISION		
		REVIZYON / REVISION		
		REVIZYON / REVISION		
		REVIZYON / REVISION		

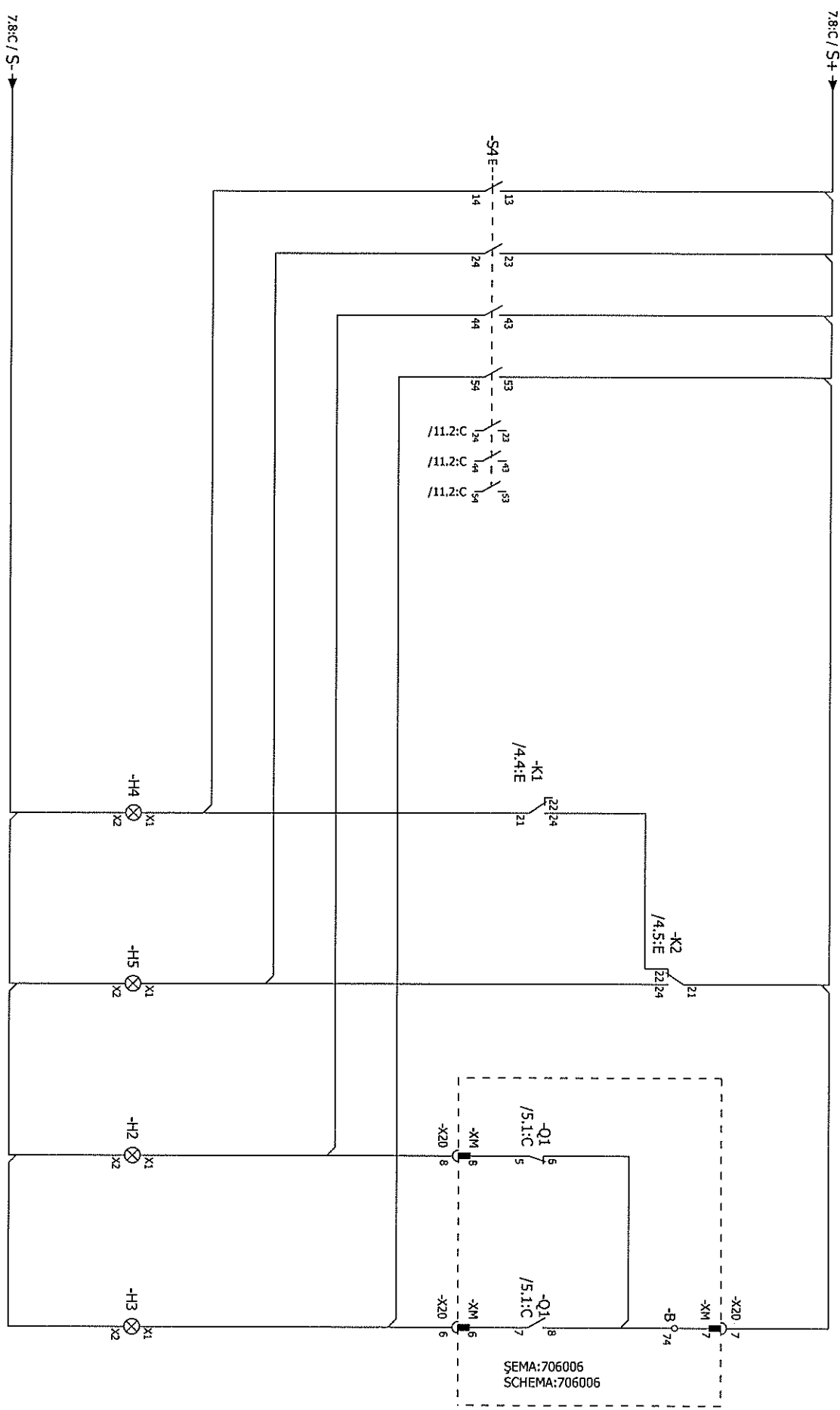


S.E.T
MÜŞTERİ ADI / CUSTOMER NAME
PROJE TANIMI / PROJECT DESCRIPTION
DM1A-542 CONTROL DIAGRAMS

SAYFA TANIMI / PAGE DESCRIPTION
KORUMA RÖLESİ
CİZİM TANIMI / DRAWING DESCRIPTION
DM1A-542 CONTROL DIAGRAMS

PROJE PROJESİ / PROJECT
DM1A-542
BRO OPP #
SAYFA SAYISI / TOTAL PAGES
18
CİZİM NUMARASI / DRAWING NUMBER
DM1A-542

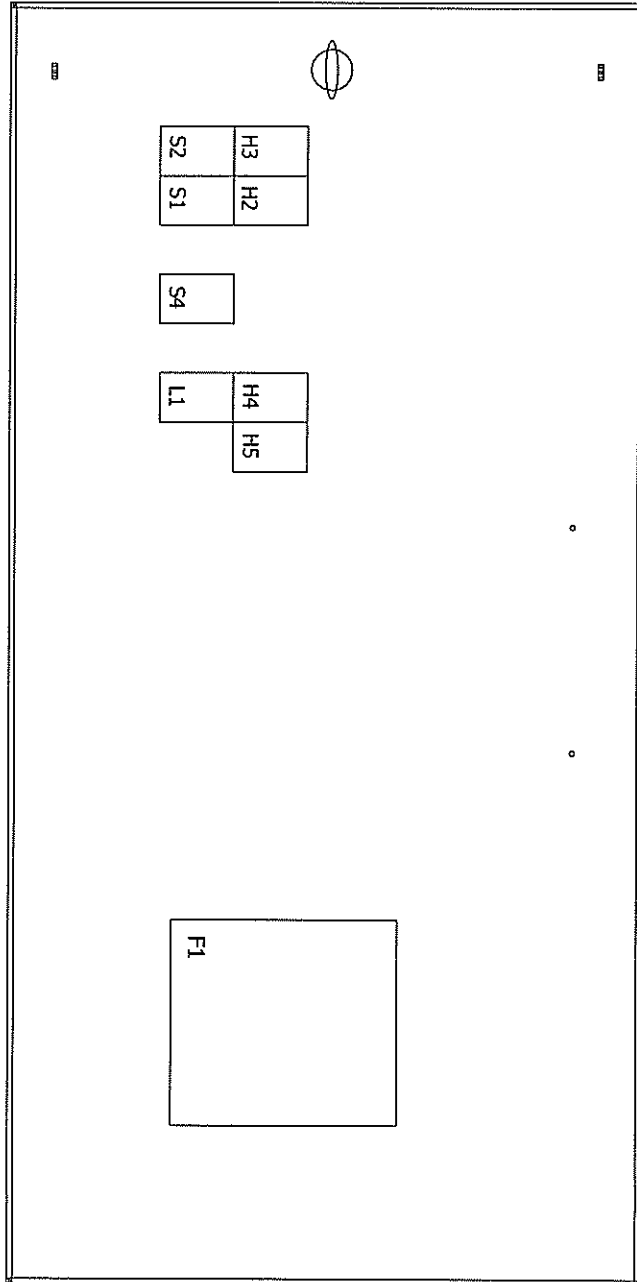
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REV. TARIHİ	REV. TANIMI	REV. TARİHİ	REV. TANIMI	REV. TARİHİ	REV. TANIMI
14.03.2017	İLK YATIN / FIRST ISSUE				
	REVIZYON TANIMI / REVISION DESCRIPTION		REVIZYON TANIMI / REVISION DESCRIPTION		REVIZYON TANIMI / REVISION DESCRIPTION
S.E.T. Schneider Electric					
MÜŞTERİ ADI / CUSTOMER NAME					
PROJE TANIMI / PROJECT DESCRIPTION DM1A-542 CONTROL DIAGRAMS					
SAYFA TANIMI / PAGE DESCRIPTION SİNYALİZASYON ÇİZİMİ TANIMI / DRAWING DESCRIPTION DM1A-542 CONTROL DIAGRAMS					
PROJE PROJESİ DM1A-542					
SAYFA SAYISI / TOTAL PAGES 18					
SAYFA NO / PAGE NUMBER DM1A-542					

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AG DOLAP ÖN GÖRÜNÜŞÜ
LV PANEL FRONT VIEW



- S1: KAPAMA CLOSING
- S2: AÇMA OPENING
- S4: LAMBA TEST LAMP TEST
- H2: KESİCİ AÇIK C.B. OFF
- H3: KESİCİ KAPALI C.B. ON
- F1: KORUMA RÖLESİ PROTECTION RELAY
- H4: AYIRICI BASINCI DÜŞÜK SWITCH PRESSURE LOW
- H5: AYIRICI BASINCI KRİTİK SWITCH PRESSURE CRITICAL
- L1: AYDINLATMA KAPALI-AÇIK LIGHT OFF-ON

REV. TARİHİ / DATE	REVİZYON TANIMI / REVISION DESCRIPTION	REV. TARİHİ / DATE	REVİZYON TANIMI / REVISION DESCRIPTION	REV. TARİHİ / DATE	REVİZYON TANIMI / REVISION DESCRIPTION
B	14.03.2017				
A	04.04.2017				



S.E.T
MÜŞTERİ ADI / CUSTOMER NAME
PROJE TANIMI / PROJECT DESCRIPTION
DM1A-542 CONTROL DIAGRAMS

SAFHA TANIMI / PAGE DESCRIPTION
AG DOLAP ÖN GÖRÜNÜŞÜ
CİZİM TANIMI / DRAWING DESCRIPTION
DM1A-542 CONTROL DIAGRAMS

PROJE PROJESİ
DM1A-542
BRO ÖP# #

SAFHA SAYISI / TOTAL PAGES
16
CİZİM İNDEKSİ / DRAWING NUMBER
DM1A-542

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MALZEME LİSTESİ

PARTS LIST

SE_SFT_Parts_List_Rev7

CHAZ ISMI DT	SAYFA PAGE	MALZEME REFERANSI PART REFERENCE	MİKTAR QUANTITY	AÇIKLAMA DESTINATION	İMALATI MANUFACTURER
-CNA	7	TERM	2	LV Terminal	
-CNC	7	TERM	2	LV Terminal	
-CNC	7	TERM	2	LV Terminal	
-CND	7	TERM	2	LV Terminal	
-CNE	7	TERM	2	LV Terminal	
-CNE	7	TERM	2	LV Terminal	
-F1	10	SEPAMS20L	1	Sezam S20, Trafö merkezli koruma rölesi	Schneider Electric
-H1	6	*W/PS	1	Genilim bulundurunun gösteren sistem	Schneider Electric
-H2	11	**ZBSAV033	1	VOLTAGE PRESENCE INDICATING SYSTEM	Schneider Electric
-H2	11	**ZBSAVBG3	1	24/48/110VDC SINYAL LAMBA BAŞI, YEŞİL	Schneider Electric
-H2	11	**XBSAV.3	1	24/48/110VDC SINYAL LAMP BODY, GREEN	Schneider Electric
-H3	11	**ZBSAV043	1	SINYAL LAMBASI YEŞİL (..=>M=220VAC B=24VDC 6=48/110VDC)	Schneider Electric
-H3	11	**ZBSAVBG4	1	24/48/110VDC SINYAL LAMBA BAŞI, KIRMIZI	Schneider Electric
-H3	11	**ZBSAVM4	1	24/48/110VDC SINYAL LAMP HEAD, RED	Schneider Electric
-H4	11	**ZBSAV053	1	24/48/110VDC SINYAL LAMP BODY, RED	Schneider Electric
-H4	11	**ZBSAVBG5	1	24/48/110VDC SINYAL LAMP HEAD, YELLOW	Schneider Electric
-H4	11	**XBSAVM5	1	Harmony XBS sarı pilot ışık Ø22 integral LED 230...240V AV II'li düz lens	Schneider Electric
-H5	11	**ZBSAV043	1	24/48/110VDC SINYAL LAMBA BAŞI, KIRMIZI	Schneider Electric
-H5	11	**ZBSAVBG4	1	24/48/110VDC SINYAL LAMP HEAD, RED	Schneider Electric
-H5	11	**XBSAVM4	1	24/48/110VDC SINYAL LAMP BODY, RED	Schneider Electric
-H5	11	**XBSAVM4	1	Harmony XBS kırmızı pilot ışık Ø22 integral LED 230...240V AV II'li düz lens	Schneider Electric
-H2	7	JE 108	1	Harmony XBS red complete pilot light Ø22 plain lens with integral LED 230...240V AV	Schneider Electric
-K1	4	RXM4AB2*	1	Panel Light, 8W, 220V-240 AC	Jupiter
-K1	4	RXEZEM114M	1	Zelio RXM Miniature relay, 4 CO, 1th=6A, with LED indication, 24/110 VDC	Schneider Electric
-K2	4	RXM4AB2*	1	Zelio role soketi RXZ, 14 pinli, 10A - < 250V - RXM2,, RXM4,, Röleler için konektör.	Schneider Electric
-K2	4	RXEZEM114M	1	Zelio socket RXZ - mixed contact, 10A - < 250V - connector - for relay RXM2,, RXM4,,	Schneider Electric
-L1	7	XBSAD21	1	Zelio RXM Miniature relay, 4 CO, 1th=6A, with LED indication, 24/110 VDC	Schneider Electric
-PS1	4	NVE46283	1	Zelio socket RXZ - mixed contact, 10A - < 250V - connector - for relay RXM2,, RXM4,, Harmony XBS siyah seçici anahtar Ø22 2 pozisyonlu 1NA kontak Harmony XBS black selector Standard switch head Ø22 2-position stay out 1NO Contact	Schneider Electric

NOTLAR: (*) TEKNİK DEĞERLER İÇİN GENEL PROJETE BAKINIZ. (***) KUMANDA GERİLTİMİ İÇİN GENEL PROJETE BAKINIZ.
 NOTES: (*) REFER TO GENERAL DRAWING FOR THE RATED VALUES. (***) REFER TO GENERAL DRAWING FOR SUPPLY VOLTAGE.

REVİZYON TARİHİ	REVİZYON İZİNİ VEREN	REVİZYON TANIMI	REVİZYON TARİHİ	REVİZYON İZİNİ VEREN	REVİZYON TANIMI
14.03.2017	UİK YAVUZ	FIRST ISSUE			

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Schneider Electric

MÜŞTERİ ADI	CUSTOMER NAME	PROJE TANIMI	PROJECT DESCRIPTION
		DM1A-542 CONTROL DIAGRAMS	

SAYFA	PAGE	SAYFA	PAGE
13	13	18	18

PROJE PROJEKTİ: DM1A-542
BRO ŞİPİ #

CİZİM NÜMARA: DM1A-542

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MALZEME LİSTESİ

PARTS LIST

SE_SFT_Parts_List_rev7

CHAZ İSMİ DT	SAVFA PAGE	MALZEME REFERANSI PART REFERENCE	MİKTAR QUANTITY	AÇIKLAMA DESIGNATION	İMALATI MANUFACTURER
-Q	7	A9R94202	1	Minyatür devre kesici ICS60H_2P_2A_C Miniature circuit breaker ICS60H_2P_2A_C	Schneider Electric
-Q1	5	*SF1 CB	1	DEVRE KESİCİ CIRCUIT BREAKER	Schneider Electric
-Q2	4	*CS	1	M.V. Kesici M.V. DISCONNECTOR	SE TURKEY
-Q3	4	ICTOPAY	1	TOPRAKLAMA SAĞUTERİ (AYIRICININ İÇİNDE) EARTHING SWITCH (INSIDE THE DISCONNECTOR)	Schneider Electric
-Q4	7	A9N61526	1	Minyatür devre kesici C60H-DC_2P_6A_C Miniature circuit breaker C60H-DC_2P_6A_C	Schneider Electric
-Q5	7	A9N61522	1	Minyatür Devre Kesici C60H-DC_2P_2A_C Miniature circuit breaker C60H-DC_2P_2A_C	Schneider Electric
-Q7	7	***A9N61526	1	C60H-DC 2P KESİCİ 6A C EGRIŞTİ 500VDC,(DC DEVRE) C60H-DC 2P CIRCUIT-BREAKER 6A C CURVE 500VDC (DC CIRCUIT)	Schneider Electric
-Q7	7	***A9N61531	1	C60H-DC 2P KESİCİ 16A C EGRIŞTİ (24/48VDC DEVRE) C60H-DC 2P CIRCUIT-BREAKER 16A C CURVE (24/48VDC CIRCUIT)	Schneider Electric
-Q7	7	***A9R94206	1	ACTI 9 ICS60H 2P 6A 10KA Minyatür Kesici (220VAC CIRCUIT) ACTI 9 ICS60H 2P 6A 10KA MINIATURE C.BREAKER (220VAC CIRCUIT)	Schneider Electric
-Q31	6	TOPAY	1	TOPRAK AYIRICISI EARTHING SWITCH	Schneider Electric
-R	7	26326007	1	Isıtıcı direng Heating resistor	Schneider Electric
-S1	8	ZB5AA3	1	Harmony X85 Yeşil buton kafası Harmony X85 GREEN push button head	Schneider Electric
-S1	8	ZB5AZ101	1	Harmony X85 buton gövdesi İNA kontak Harmony X85 body with İNO contact	Schneider Electric
-S2	9	ZB5AA4	1	Harmony X85 buton kafası , kırmızı Harmony X85 RED push button head	Schneider Electric
-S2	9	ZB5AZ101	1	Harmony X85 buton gövdesi İNA kontak Harmony X85 body with İNO contact	Schneider Electric
-S4	11	XB5AA21	1	Harmony X85 siyah yaylı buton Ø22 İNA kontak Harmony X85 black flush complete pushbutton Ø22 spring return İNO unmarked	Schneider Electric
-S4	11	ZBE101	3	Harmony X85 İNA kontak Harmony X85 İNO contact	Schneider Electric
-ST	7	NSYCC07HC	1	Climasys Basit Termos° C (NC1s) Climasys Simple Thermos° C (NC Heat)	Schneider Electric
-T7	6	TLP130	1	TLP130 LOW POWER CURRENT TRANSDUCER (LPCT) toroidal sensor 100A/22.5mV	Schneider Electric
-T8	6	TLP130	1	TLP130 LOW POWER CURRENT TRANSDUCER (LPCT) toroidal sensor 100A/22.5mV	Schneider Electric
-T9	6	TLP130	1	TLP130 LOW POWER CURRENT TRANSDUCER (LPCT) toroidal sensor 100A/22.5mV	Schneider Electric
-X0	10	TERM	6	LV terminal LV TERMINAL	Schneider Electric
-X0	10	PE-TERM	1	LV EARTHING TERMINAL	Schneider Electric
-X1	8	TERM	19	LV terminal LV TERMINAL	Schneider Electric
-X2	5	TERM	14	LV terminal LV TERMINAL	Schneider Electric
-X3	10	TERM	2	LV terminal LV TERMINAL	Schneider Electric
-X20	5	CKONTAK	1	ÇOK PINLİ KONNEKTÖR 42 AKTİF KONTAKLAR 1 TOPRAK KONTAKI MULTI-PIN CONNECTOR 42 ACTIVE CONTACTS 1EARTH CONTACT	Schneider Electric

NOTLAR: (*) TEKNİK DEĞERLER İÇİN GENEL PROJENE BAKINIZ. (***) KÜMANANDA GERİLİMİ İÇİN GENEL PROJENE BAKINIZ.
NOTES: (*) REFER TO GENERAL DRAWING FOR THE RATED VALUES. (***) REFER TO GENERAL DRAWING FOR SUPPLY VOLTAGE.

C	14.08.2017	KLEMENS EKLENİDİ / TERM. ADDED							
A	14.08.2017	LİSTENİN İLK İŞİ							
REV	TEARİH DATE	REVIZYON TANIMI / REVISION DESCRIPTION	REV	TEARİH DATE	REVIZYON TANIMI / REVISION DESCRIPTION	S.E.T Schneider Electric MÜŞTERİ ADI / CUSTOMER NAME PROJE TANIMI / PROJECT DESCRIPTION DM1A-542 CONTROL DIAGRAMS			
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PROJE PROJEKT						DM1A-542 BFD 0P# #			
SAVFA SAYISI / TOTAL PAGES						14			
CİZİM NUMARASI / DRAWING NUMBER						DM1A-542			

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KLEMENS DIZILİMİ TERMINAL DIAGRAM

SE_SFT_ Terminal_diagram_rev4_SM6-36_rev3

DIZILIM STRIP CNA

Level 1	KABLO KÖRÜSÜ EXTERNAL WIRE JUMPER	UŞT KÖRÜ SADDLE JUMPER	Fonksiyon FUNCTION TEXT	İÇ KABLO KÖRÜSÜ INTERNAL WIRE JUMPER				
Level 1	○	1	↑	○	KONTROL SİGNAL BESLEMESİ P/+	/700A		
Level 1	○	2	↑	○	KONTROL SİGNAL BESLEMESİ P/+ HEATER AND HV LIGHTING SUPPLY	/700B		

DIZILIM STRIP CNB

Level 1	KABLO KÖRÜSÜ EXTERNAL WIRE JUMPER	UŞT KÖRÜ SADDLE JUMPER	Fonksiyon FUNCTION TEXT	İÇ KABLO KÖRÜSÜ INTERNAL WIRE JUMPER				
Level 1	○	1	↑	○	KONTROL SİGNAL BESLEMESİ N/-	/700B		
Level 1	○	2	↑	○	KONTROL SİGNAL BESLEMESİ N/- CONT. AND SING. SUPPLY N/.	/700B		

DIZILIM STRIP CNC

Level 1	KABLO KÖRÜSÜ EXTERNAL WIRE JUMPER	UŞT KÖRÜ SADDLE JUMPER	Fonksiyon FUNCTION TEXT	İÇ KABLO KÖRÜSÜ INTERNAL WIRE JUMPER				
Level 1	○	1	↑	○	MOTOR BESLEMESİ P/+	/700D		
Level 1	○	2	↑	○	MOTOR BESLEMESİ P/+	/700D		

DIZILIM STRIP CND

Level 1	KABLO KÖRÜSÜ EXTERNAL WIRE JUMPER	UŞT KÖRÜ SADDLE JUMPER	Fonksiyon FUNCTION TEXT	İÇ KABLO KÖRÜSÜ INTERNAL WIRE JUMPER				
Level 1	○	1	↑	○	MOTOR BESLEMESİ N/-	/700D		
Level 1	○	2	↑	○	MOTOR BESLEMESİ N/- MOTOR SUPPLY N/.	/700D		

DIZILIM STRIP CNE

Level 1	KABLO KÖRÜSÜ EXTERNAL WIRE JUMPER	UŞT KÖRÜ SADDLE JUMPER	Fonksiyon FUNCTION TEXT	İÇ KABLO KÖRÜSÜ INTERNAL WIRE JUMPER				
Level 1	○	1	↑	○	İSTİTİCİ VE OĞ. AYDINLATMA BESLEMESİ HEATER AND HV LIGHTING SUPPLY	/700E		
Level 1	○	2	↑	○	İSTİTİCİ VE OĞ. AYDINLATMA BESLEMESİ HEATER AND HV LIGHTING SUPPLY	/700E		

DIZILIM STRIP CNF

Level 1	KABLO KÖRÜSÜ EXTERNAL WIRE JUMPER	UŞT KÖRÜ SADDLE JUMPER	Fonksiyon FUNCTION TEXT	İÇ KABLO KÖRÜSÜ INTERNAL WIRE JUMPER				
Level 1	○	1	↑	○	İSTİTİCİ VE OĞ. AYDINLATMA BESLEMESİ HEATER AND HV LIGHTING SUPPLY	/700E		
Level 1	○	2	↑	○	İSTİTİCİ VE OĞ. AYDINLATMA BESLEMESİ HEATER AND HV LIGHTING SUPPLY	/700E		

DIZILIM STRIP X0

Level 1	KABLO KÖRÜSÜ EXTERNAL WIRE JUMPER	UŞT KÖRÜ SADDLE JUMPER	Fonksiyon FUNCTION TEXT	İÇ KABLO KÖRÜSÜ INTERNAL WIRE JUMPER				
Level 1	○	1	↑	○	YEDEK KLEMENSİZLER SPARE TERMINALS	/10.8/A		
Level 1	○	2	↑	○	YEDEK KLEMENSİZLER SPARE TERMINALS	/10.8/A		
Level 1	○	3	↑	○	YEDEK KLEMENSİZLER SPARE TERMINALS	/10.8/A		
Level 1	○	4	↑	○	YEDEK KLEMENSİZLER SPARE TERMINALS	/10.8/A		
Level 1	○	5	↑	○	YEDEK KLEMENSİZLER SPARE TERMINALS	/10.9/A		
Level 1	○	6	↑	○	YEDEK KLEMENSİZLER SPARE TERMINALS	/10.9/A		
Level 1	○	PE	↑	○	PE TERMINAL	/10.9/A		

DIZILIM STRIP X1

Level 1	KABLO KÖRÜSÜ EXTERNAL WIRE JUMPER	UŞT KÖRÜ SADDLE JUMPER	Fonksiyon FUNCTION TEXT	İÇ KABLO KÖRÜSÜ INTERNAL WIRE JUMPER				
Level 1	○	1	↑	○	UZAK KABAYNA REMOTE CLOSING	/8.6/A		
Level 1	○	2	↑	○	YEREL KAYNAK LOCAL CLOSING	/8.6/A		
Level 1	○	3	↑	○	YEREL KAYNAK LOCAL CLOSING	/8.7/A		
Level 1	○	4	↑	○	YEREL KAYNAK LOCAL CLOSING	/8.6/C		
Level 1	○	5	↑	○	YEREL KAYNAK LOCAL CLOSING	/8.6/C		
Level 1	○	6	↑	○	YEREL KAYNAK LOCAL CLOSING	/8.7/C		
Level 1	○	7	↑	○	KARAYANA KİLİTLİ ENERJİ CLOSING INTERLOCK	/8.3/C		
Level 1	○	8	↑	○	KARAYANA KİLİTLİ ENERJİ CLOSING INTERLOCK	/8.3/C		
Level 1	○	10	↑	○	YEREL KAYNAK EXTERNAL TRIPPING	/9.3/A		
Level 1	○	11	↑	○	YEREL KAYNAK EXTERNAL TRIPPING	/9.3/A		
Level 1	○	12	↑	○	YEDEK * POLARİTE SPARE * POLARITY	/9.7/A		
Level 1	○	13	↑	○	YEDEK * POLARİTE SPARE * POLARITY	/9.7/A		
Level 1	○	14	↑	○	YEDEK * POLARİTE SPARE * POLARITY	/9.7/A		
Level 1	○	15	↑	○	YEDEK * POLARİTE SPARE * POLARITY	/9.7/A		
Level 1	○	16	↑	○	YEREL KAYNAK EXTERNAL TRIPPING	/9.3/B		
Level 1	○	17	↑	○	YEREL KAYNAK EXTERNAL TRIPPING	/9.3/B		

C	10.06.2017	KLEMENS EKLENEN / TERM. ADDED																	
A	14.03.2017	1LK YATIRIM / FIRST ISSUE																	
REV.	TARİH DATE	REVIZYON TANIMI / REVISION DESCRIPTION	REV.	TARİH DATE	REVIZYON TANIMI / REVISION DESCRIPTION	SAYFA ADI / CUSTOMER NAME	MÜŞTERİ ADI / CUSTOMER NAME	PROJE TANIMI / PROJECT DESCRIPTION	PROJE TANIMI / PROJECT DESCRIPTION	SAYFA TANIMI / PAGE DESCRIPTION	KLEMENS LİSTESİ	CİZİM TANIMI / DRAWING DESCRIPTION	PROJE PROJESİ	DM1A-542	BRD GRP #	SAYFA SAYISI / TOTAL PAGES	16	SAYFA NO / PAGE NO.	DM1A-542



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KLEMENS DIZILİMİ TERMINAL DIAGRAM

SE_SET_Terminal_diagram_rev4_5M6-36_rev3

DIZILIM STRIP X1

Level	DİS KABLO KÖRÜSÜ EXTERNAL WIRE JUMPER	ÜST KÖRÜ SADDLE JUMPER	Fonksiyon FUNCTION TEXT	İÇ KABLO KÖRÜSÜ INTERNAL WIRE JUMPER
Level 1	○	○	18K - POLARITE	/5, 2:F
Level 1	○	○	19K - POLARITE	/5, 2:F
Level 1	○	○	20K - POLARITE	/5, 2:F

DIZILIM STRIP X2

Level	DİS KABLO KÖRÜSÜ EXTERNAL WIRE JUMPER	ÜST KÖRÜ SADDLE JUMPER	Fonksiyon FUNCTION TEXT	İÇ KABLO KÖRÜSÜ INTERNAL WIRE JUMPER
Level 1	○	○	1K - KURBA SONU KONTAKLI NA	/5, 3:B
Level 1	○	○	2K - KURBA SONU KONTAKLI NA	/5, 3:E
Level 1	○	○	3K - END OF CHARGING CONTACT NO	/5, 4:B
Level 1	○	○	4K - C.B. ALK. CONTACT - NK	/5, 4:E
Level 1	○	○	5K - KESİCİ YRD. KONTAKLI - NA	/5, 4:B
Level 1	○	○	6K - C.B. ALK. CONTACT - NO	/5, 4:E
Level 1	○	○	7K - KESİCİ YRD. KONTAKLI - NK	/5, 5:B
Level 1	○	○	8K - C.B. ALK. CONTACT - NK	/5, 5:E
Level 1	○	○	9K - KESİCİ YRD. KONTAKLI - NK	/5, 5:B
Level 1	○	○	10K - C.B. ALK. CONTACT - NK	/5, 5:E
Level 1	○	○	11K - KESİCİ YRD. KONTAKLI - NA	/5, 6:B
Level 1	○	○	12K - C.B. ALK. CONTACT - NA	/5, 6:E
Level 1	○	○	13K - KESİCİ YRD. KONTAKLI - NA	/5, 6:B
Level 1	○	○	14K - C.B. ALK. CONTACT - NA	/5, 6:E

DIZILIM STRIP X3

Level	DİS KABLO KÖRÜSÜ EXTERNAL WIRE JUMPER	ÜST KÖRÜ SADDLE JUMPER	Fonksiyon FUNCTION TEXT	İÇ KABLO KÖRÜSÜ INTERNAL WIRE JUMPER
Level 1	○	○	1K - SEPİYER D3 OUTPUT	/10, 6:C
Level 1	○	○	2K - SEPİYER D3 OUTPUT	/10, 7:C

DIZILIM STRIP XB32

Level	DİS KABLO KÖRÜSÜ EXTERNAL WIRE JUMPER	ÜST KÖRÜ SADDLE JUMPER	Fonksiyon FUNCTION TEXT	İÇ KABLO KÖRÜSÜ INTERNAL WIRE JUMPER
Level 1	○	○	1K - SWITCH SİS PRESSURE INFO LEVEL1	/4, 4:A

DIZILIM STRIP XB32

Level	DİS KABLO KÖRÜSÜ EXTERNAL WIRE JUMPER	ÜST KÖRÜ SADDLE JUMPER	Fonksiyon FUNCTION TEXT	İÇ KABLO KÖRÜSÜ INTERNAL WIRE JUMPER
Level 1	○	○	1K - SWITCH SİS PRESSURE INFO LEVEL1	/4, 4:A
Level 1	○	○	2K - SWITCH SİS PRESSURE LOW	/4, 4:B
Level 1	○	○	3K - SWITCH SİS PRESSURE OK	/4, 5:B
Level 1	○	○	4K - SWITCH SİS PRESSURE INFO LEVEL2	/4, 6:A
Level 1	○	○	5K - SWITCH SİS PRESSURE CRITICAL	/4, 5:B
Level 1	○	○	7K - SWITCH SİS PRESSURE INFO LEVEL1	/4, 7:A
Level 1	○	○	6K - SWITCH SİS PRESSURE OK	/4, 6:B
Level 1	○	○	8K - SWITCH SİS PRESSURE OK	/4, 7:A
Level 1	○	○	9K - SWITCH SİS PRESSURE LOW	/4, 8:A
Level 1	○	○	10K - SWITCH SİS PRESSURE INFO LEVEL2	/4, 8:A
Level 1	○	○	11K - SWITCH SİS PRESSURE OK	/4, 9:A
Level 1	○	○	12K - SWITCH SİS PRESSURE CRITICAL	/4, 9:A

DIZILIM STRIP XH

Level	DİS KABLO KÖRÜSÜ EXTERNAL WIRE JUMPER	ÜST KÖRÜ SADDLE JUMPER	Fonksiyon FUNCTION TEXT	İÇ KABLO KÖRÜSÜ INTERNAL WIRE JUMPER
Level 1	○	○	1K - KONTAKTA KLEMENSİ	/7, 7:E
Level 1	○	○	2K - 2ZAVAC (N)	/7, 4:F
Level 1	○	○	3K - 2ZAVAC (N)	/7, 4:E

DIZILIM STRIP XS1

Level	DİS KABLO KÖRÜSÜ EXTERNAL WIRE JUMPER	ÜST KÖRÜ SADDLE JUMPER	Fonksiyon FUNCTION TEXT	İÇ KABLO KÖRÜSÜ INTERNAL WIRE JUMPER
Level 1	○	○	1K - POLARITE DAĞITIMI	/7, 4:B
Level 1	○	○	2K - POLARITE DAĞITIMI	/7, 4:B
Level 1	○	○	3K - POLARITE DAĞITIMI	/7, 5:B
Level 1	○	○	4K - POLARITE DAĞITIMI	/7, 5:B
Level 1	○	○	5K - POLARITE DAĞITIMI	/7, 5:B

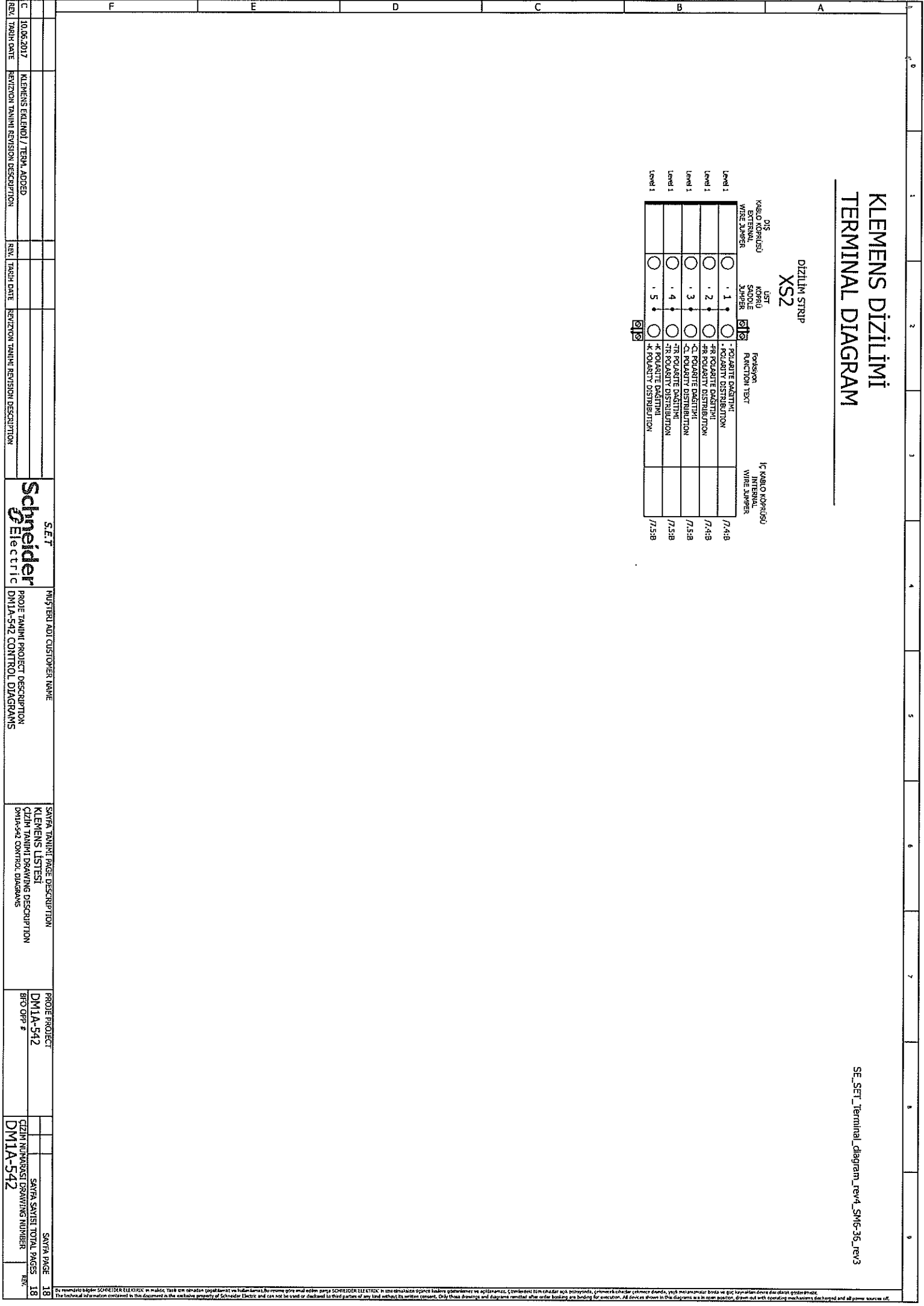
C	10.06.2017	KLEMENS EKLENİDİ / TERM. AGZDİD		S.E.T	MÜSTERİ ADI CUSTOMER NAME		SAYFA RAGE 17
A	14.03.2017	LİK YATIRI / FIRST ISSUE		Schneider Electric	PROJE TANIMI PROJECT DESCRIPTION	DM1A-542	SAYFA SAYISI TOTAL PAGES 18
REV	TARİH DATE	REVIZYON TANIMI REVISION DESCRIPTION	REV		TARİH DATE	REVIZYON TANIMI REVISION DESCRIPTION	

KLEMENS DİZİLİMİ TERMINAL DIAGRAM

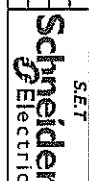
SE_SFT_Terminal_diagram_rev4_SM6-36_rev3

DİZİLİM STRUP XS2

DİŞ KABLO KOPRUSU EXTERNAL WIRE JUMPER	İÇ KABLO KOPRUSU INTERNAL WIRE JUMPER	UŞT KOPRU SABİT SİPER	Fonksiyon FUNCTION TEXT
Level 1	<input type="radio"/>	1	- POLARITE GAKTİMİ - POLARITY DISTRIBUTION
Level 1	<input type="radio"/>	2	-R POLARITE DAĞILIM -R POLARITY DISTRIBUTION
Level 1	<input type="radio"/>	3	-L POLARITE DAĞILIM -L POLARITY DISTRIBUTION
Level 1	<input type="radio"/>	4	-TR POLARITE DAĞILIM -TR POLARITY DISTRIBUTION
Level 1	<input type="radio"/>	5	-K POLARITE DAĞILIM -K POLARITY DISTRIBUTION



REV.	TARİH DATE	KLEMENS EĞİMLERİ / TERM. ADDED	REVIZYON TANIMI REVISION DESCRIPTION
C	10.06.2017		



MÜŞTERİ ADI CUSTOMER NAME	SAYFA TANIIMI PAGE DESCRIPTION	PROJE PROJESİ	SAYFA SAYISI TOTAL PAGES
PROJE TANIMI PROJECT DESCRIPTION DM1A-542 CONTROL DIAGRAMS	KLEMENS LİSTESİ CİZİM TANIMI DRAWING DESCRIPTION DM1A-542 CONTROL DIAGRAMS	DM1A-542 BFO OPP #	18
			SAYFA NUMARASI DRAWING NUMBER DM1A-542

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1 2 3 4 5 6 7 8 9 10

SCHNEIDER ELECTRIC

TIP50 KILITLEME TYPE50 INTERLOCKING

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KULLANICI / USER :

ORDER NO :

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Rev	İnd	Tarih / Date	Değişiklik / Modification	İsim / Name	İsim / Name	İsim / Name	İsim / Name	İsim / Name	İsim / Name	İsim / Name
	A	18.07.2004	İlk Yığın / First Issue	ZAV	ZAV	ZAV	ZAV	ZAV	ZAV	ZAV
	B	15.04.2008	DH141H DEĞİŞİ / DH141H MODİF.	MEC	MEC	MEC	MEC	MEC	MEC	MEC

TIP50 KILITLEME
TYPE50 INTERLOCKING



Schneider
Electric

Ünitle / Equipment
EKIPMAN VE SİSTEMLER

51256478

İndex Rev B
Sayfa Sayı 001

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Sayfa Sheet	Tanımlama Designation	Değişiklik İndisi Revision	Sayfa Sheet	Tanımlama Designation	Değişiklik İndisi Revision
001	KAPAK SAYFASI / COVER PAGE	A B			
002	İNDEKS SAYFASI /	A B			
003	TİP50 KILITLEME / TİP50 INTERLOCKING	A B			
004	TİP50 KILITLEME / TİP50 INTERLOCKING	A			

Artış
Arrow

İNDEKS SAYFASI
SUMMARY PAGE

TİP50 KILITLEME
TİP50 INTERLOCKING



Hücre Tipi
Cell Type

51256478

İndis
Rev

B

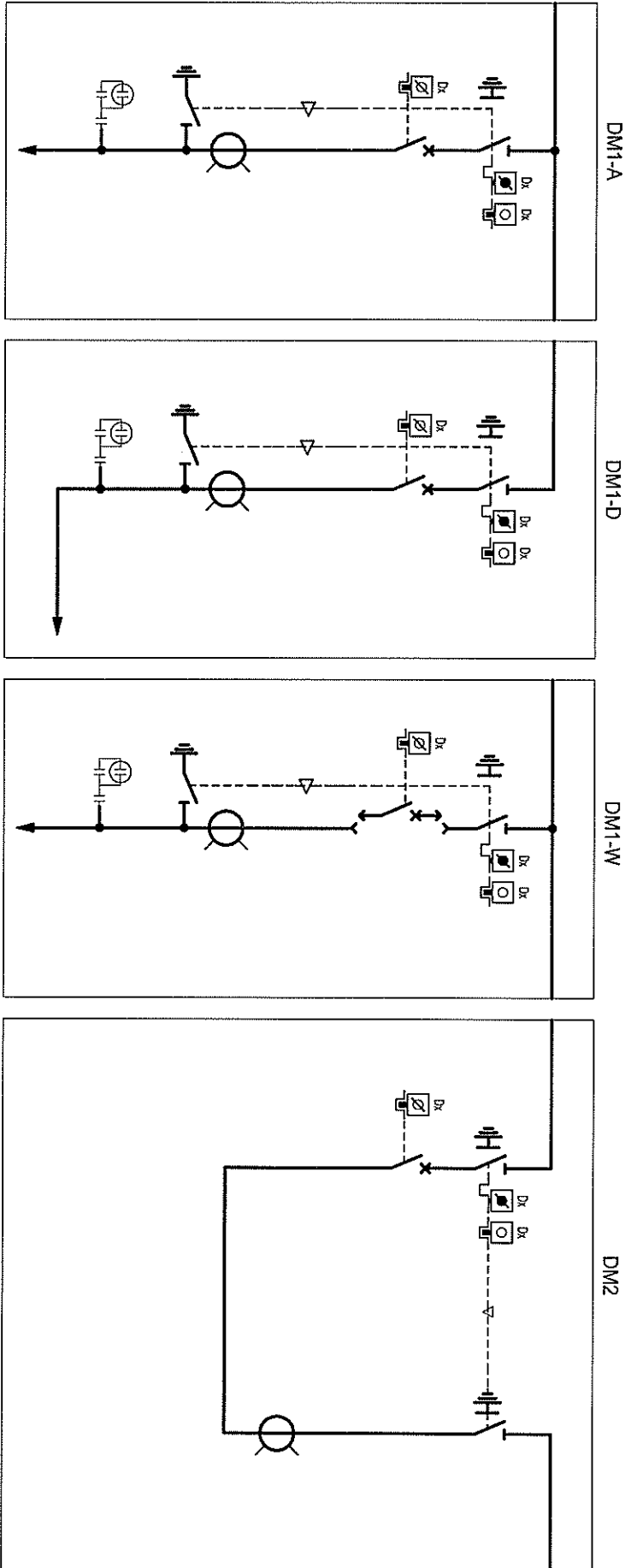
Sayfa
Sheet

002

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DM HÜCRELER / DM CUBICLES



NOT : KILIT VE ANAHTAR ETİKETLERİNDEKİ "DX" İÇİN GENEL PROJEYE BAKINIZ.

NOTE : SEE GENERAL DRAWING FOR "DX" LOCK AND KEY LABELS.

- SEMBOLELER / SYMBOLS
- ANAHTAR YOK / KEY ABSENT
 - ANAHTAR SERBEST / KEY FREE
 - ANAHTAR İHMİS / KEY CAPTIVE

Rev	İndi	Tarih	Değişiklik / Modification	Rev	İndi	Tarih	Değişiklik / Modification	Rev	İndi	Tarih	Değişiklik / Modification
B		15.04.2008	DM1-W DEĞİŞİK / DM1-W MODİFİ	MEC							
A		18.02.2004	İlk Yayın / First Issue	ZAV							

TIP90 KILITLAMA
TYPE90 INTERLOCKING

TIP90 KILITLAMA
TYPE90 INTERLOCKING

Schneider Electric

Hücre Tipi /
Cabinet Type

51256478

İndi Rev /
Index Rev

B

Sayfa /
Sheet

003

AMAÇ:
YÜK ALTINDA AYIRICININ AÇMA-KAPAMA YAPMASINI ÖNER.

İSLETME:

DM HÜCRESİNİ DEYREDEN ÇIKARMAK İÇİN:

1. KESİCİYİ AÇARAK KILITLEYNİZ
(KESİCİDEKİ D_x ANAHTARI SERBEST)
2. KESİCİNİN ÜZERİNDEKİ D_x ANAHTARI İLE AYIRICININ SOLDAKI KILIDINI ÇÖZÜNÜZ
3. AYIRICIYI AÇIK POZİSYONA GETİRİP SAĞDAKİ D_x ANAHTARI İLE KILITLEYNİZ
(AYIRICININ SAĞDAKİ D_x ANAHTARI SERBEST, SOLDAKİ D_x ANAHTARI HAPİS)
4. AYIRICININ SAĞINDAKİ D_x ANAHTARINI KULLANARAK KESİCİYE BOŞTA AÇMA-KAPAMA YAPTIRILABİLİR.
4. TOPRAKLAMA AYIRICISINI KAPATINIZ.

DM HÜCRESİNİ DEYREYE ALMAK İÇİN:

1. TOPRAKLAMA AYIRICISINI AÇINIZ
2. AYIRICININ SAĞDAKİ D_x KILIDINI ÇÖZÜNÜZ
3. AYIRICIYI KAPALI POZİSYONA GETİRİP SOLDAKİ D_x ANAHTARI İLE KILITLEYNİZ
(AYIRICININ SOLDAKİ D_x ANAHTARI SERBEST, SAĞDAKİ D_x ANAHTARI HAPİS)
4. AYIRICININ SOLDAKİ D_x ANAHTARI İLE KESİCİNİN KILIDINI ÇÖZÜP KAPATINIZ
(KESİCİDEKİ D_x ANAHTARI HAPİS)

PREVENTS
ON-LOAD SWITCHING OF THE DISCONNECTOR.

OPERATION:

CUBICLE DM LOADING OFF INSTRUCTIONS:

1. OPEN AND LOCK THE M.V. C.B.
(BREAKER'S KEY D_x IS FREE)
2. UNLOCK LEFT SIDE KEY ON THE DISCONNECTOR VIA KEY D_x ON THE M.V. C.B.
3. OPEN THE DISCONNECTOR AND LOCK VIA THE KEY D_x AT THE RIGHT SIDE
(RIGHT SIDE KEY D_x ON THE DISCONNECTOR IS FREE, LEFT SIDE KEY D_x IS CAPTIVE)
- THE M.V. C.B. CAN BE OPERATED OFF LOAD BY USING THE RIGHT SIDE KEY D_x ON THE DISCONNECTOR
4. CLOSE THE EARTHING SWITCH

CUBICLE DM LOADING INSTRUCTIONS:

1. OPEN THE EARTHING SWITCH
2. UNLOCK THE RIGHT SIDE KEY ON THE DISCONNECTOR
3. CLOSE THE DISCONNECTOR AND LOCK VIA THE LEFT SIDE KEY D_x
(LEFT SIDE KEY D_x ON THE DISCONNECTOR IS FREE, RIGHT SIDE KEY D_x IS CAPTIVE)
4. UNLOCK AND CLOSE THE M.V. C.B. VIA LEFT SIDE KEY D_x ON THE DISCONNECTOR
(BREAKER'S KEY D_x IS CAPTIVE)

NOT : KILIT VE ANAHTAR ETİKETLERİNDEKİ "D_x" İÇİN GENEL PROJEYE BAKINIZ.

NOTE : SEE GENERAL DRAWING FOR "D_x" LOCK AND KEY LABELS.

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ve diğer kaynakları çevre dışı olarak gösterilmiştir.

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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
İlk Yatırım / Installation																									
Tarih / Date																									
Değişiklik / Modification																									
Çizim No / Drawing No																									
Revizyon / Revision																									
İçerik / Content																									

TIPE50 KILITLEME
TIPE50 INTERLOCKING
TIPE50 KILITLEME
TIPE50 INTERLOCKING

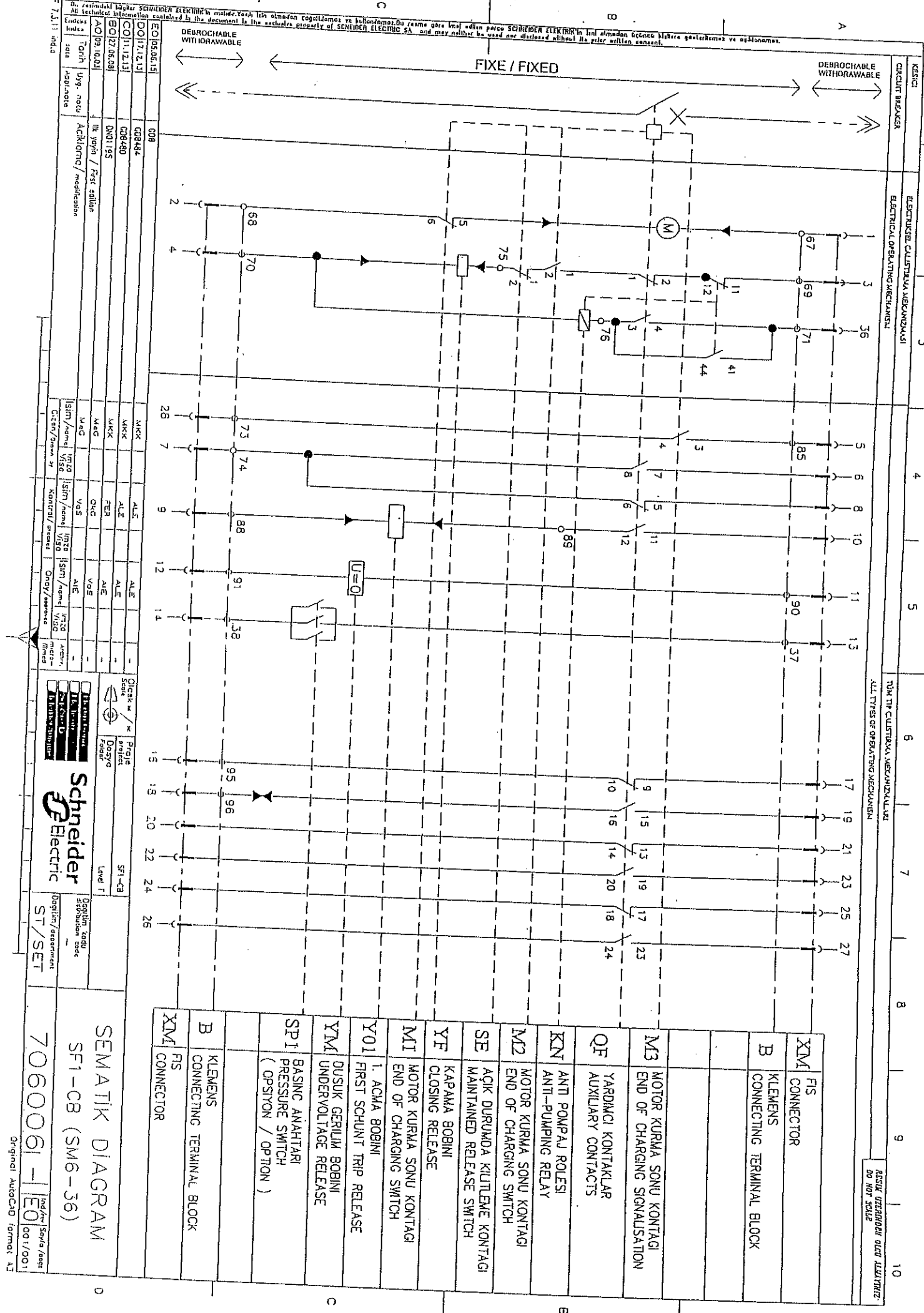
Schneider
Electric

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Hücre Tipi /
Cabinet Type

İndis No /
Index No

Sayfa No /
Sheet No

A



TOUM TIU CULSTIKAYI MEKANIZMAYI
ALL TYPES OF OPERATING MECHANISM

BAŞVURU VEZNELENDİRME
OR NOT SENSE

XM1	FIS CONNECTOR
B	KLEMENS CONNECTING TERMINAL BLOCK
XM1	FIS CONNECTOR
B	KLEMENS CONNECTING TERMINAL BLOCK
M3	MOTOR KURMA SONU KONTAĞI END OF CHARGING SIGNALISATION
QF	YARDIMCI KONTAKLAR AUXILIARY CONTACTS
KN	ANTI POMPAY ROLESİ ANTI-PUMPING RELAY
M2	MOTOR KURMA SONU KONTAĞI END OF CHARGING SWITCH
SE	AÇIK DURUMDA KILITLENME KONTAĞI MAINTAINED RELEASE SWITCH
YF	KAPAMA BOBİNİ CLOSING RELEASE
M1	MOTOR KURMA SONU KONTAĞI END OF CHARGING SWITCH
Y01	1. AÇMA BOBİNİ FIRST SCHUNT TRIP RELEASE
YM	DÜŞÜK GERİLİM BOBİNİ UNDERVOLTAGE RELEASE
SP1	BASINÇ ANAHTARI PRESSURE SWITCH (OPTION / OPTON)
B	KLEMENS CONNECTING TERMINAL BLOCK
XM1	FIS CONNECTOR

Schneider Electric
SFI-CB Level I
Dünyanın En İyi Şirketleri

SEMATİK DIAGRAM
SFI-CB (SM6-36)

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