

717	=1-X6 WAR KLEMME	99-06-08	HOF	DATUM BEARB DATE DRAWN	1996-01-09	GERAT DEVICE
6781	DROSSEL -L13 DAZU	98-04-30	HOF	NAME BEARB NAME DRAWN		
6199	+A4 ER57 GEANDERT	97-02-03	HOF	DATUM GEPR DATE CHECKED		
6126	KUHLKREISABSCHALTUNG	96-12-08	HOF	NAME GEPRUEFT NAME CHECKED		
NR NO	ANDERUNG REVISION	DATUM DATE	NAME NAME	GULTIG AB NR VALID FROM		ERSATZ FUR REPLACEMENT

Vario Star 357/457

FRONIUS

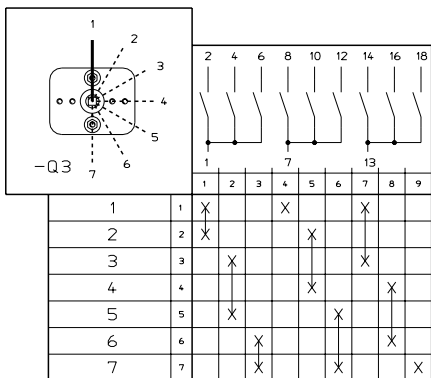
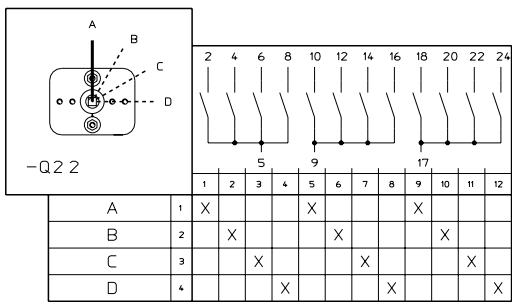
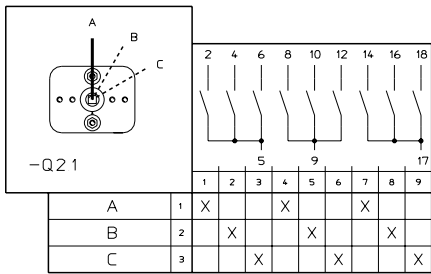
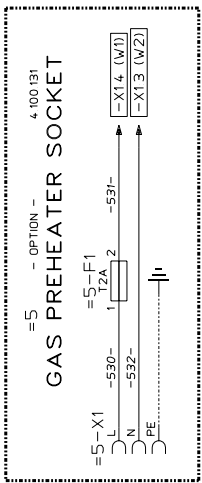
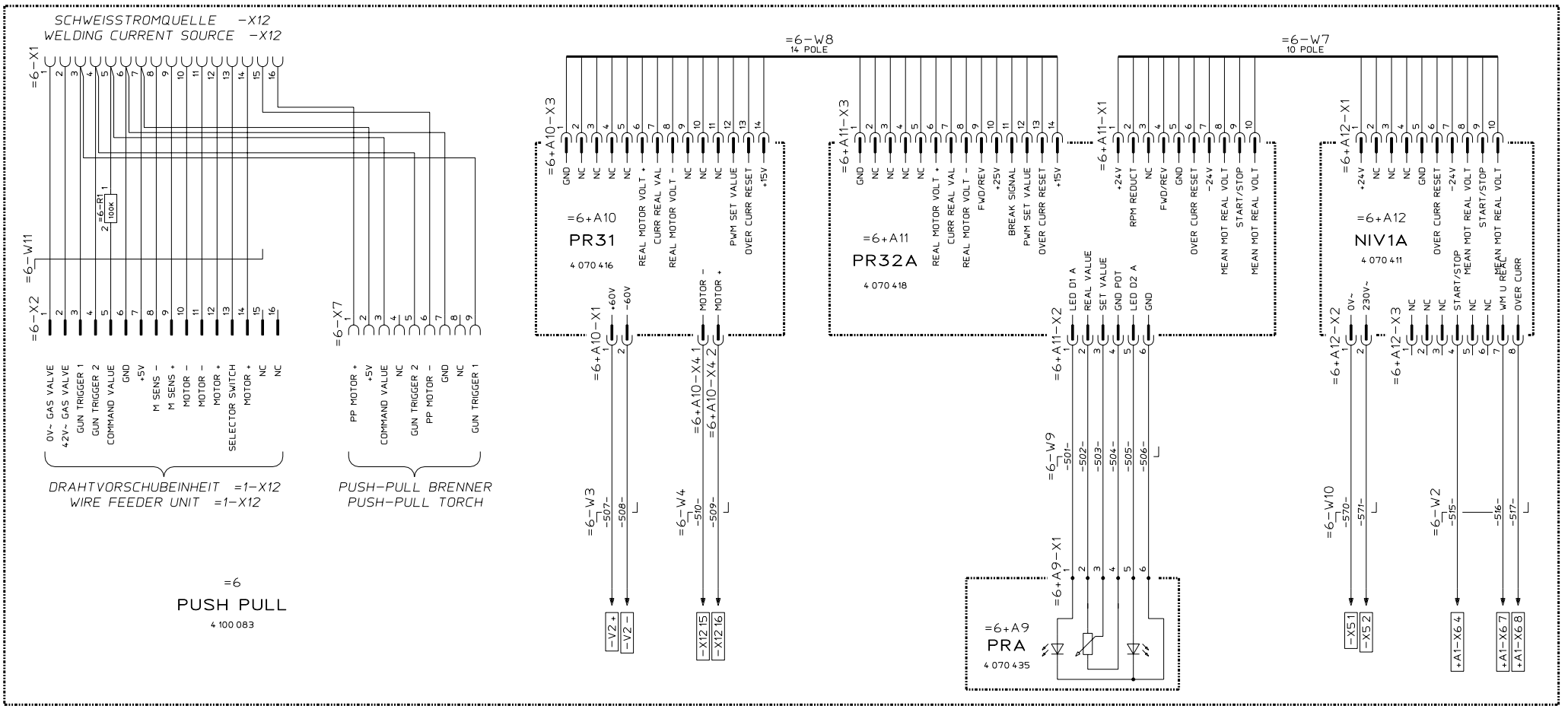
SUCHBEGRIFF  
ID-CODE

ARB/VARIO-ST/457

SCHALTPLAN  
CIRCUIT DIAGRAM

KOSTENSTELLE 230 900 290 4500	SCHALTPLAN NUR GULTIG MIT ROTEM OK-STEHPSEL	ZNG NR DWG NO	E4.025.192-195D	BLATT SHEET 1
				2 BLATT SHEETS

TYPE	DEVICE NUMBER	INDUCTANCE -L1	SWITC -Q2	RESISTOR -R2	TRANS -T1	INTERC =2
Vario Star 357	4 025 192 ( xxx )	-L11	-Q21	-R2.1 (6K34)	-T11	-
Vario Star 357-2	4 025 193 ( xxx )	-L11	-Q21	-R2.1 (6K34)	-T11	OK
Vario Star 457	4 025 194 ( xxx )	-L12	-Q2.2	-R2.2 (10K)	-T12	-
Vario Star 457-2	4 025 195 ( xxx )	-L12	-Q2.2	-R2.2 (10K)	-T12	OK



- +A1 STEUERPLATINE CARD SRK57
- +A2,+A3 PROGRAMMWAHLSCHALTERPLATINE EPR1A (-OPTION-)
- +A4 ANZEIGEPLATINE ER57 (-OPTION-)
- C1,-C2,-C3,-C4 KONDENSATOR
- F1,-F2,-F3,-F7 FEINSICHERUNG
- F4,-F5,-F6 THERMOSCHALTER
- H1 STORUNGS-LED
- K1 NETZSCHÜTZ
- L1 AUSGANGSDROSSEL
- M1,-M2 LÜFTER
- Q1 NETZSCHALTER
- Q2 GROBSTUFENSCHALTER
- Q3 FEINSTUFENSCHALTER
- R1 LEISTUNGSWIDERSTAND
- R2 WIDERSTAND (6K34-VS357/10KΩ-VS457)
- R3 SHUNT
- T1 HAUPTTRAFO
- T2 STEUERTRAFO
- V1 GLEICHRICHTER SCHWEISSTROM
- V2 GLEICHRICHTER MOTORSPANNUNG
- W1 FLACHBAND-VERBINDUNGSKABEL (-OPTION-)
- X1 BLOCKKLEMME NETZSPANNUNGSMSCHELTUNG
- X2 BLOCKKLEMME NETZEINGANG
- X3 KLEMMSTELLE + SCHWEISSTROM
- X4 SCHWEISSTROM-MASSEBUCHSE
- X5 BLOCKKLEMME STEUERTRAFO
- X9 STECKVERBINDUNG WASSERKÜHLEINHEIT
- X10 STECKVERBINDUNG ZUM THERMOSCHALTER -F4
- X11 ZWISCHENSTECKER
- X12 STECKVERBINDUNG STEUERSIGNALE
- X13 KLEMMSTELLE LÜFTER
- Z1,-Z2 EMV-FILTER

- +A1 CONTROL CARD SRK57
- +A2,+A3 PROGRAMMWAHLSCHALTERPLATINE EPR1A (-OPTION-)
- +A4 DISPLAY CARD ER57 (-OPTION-)
- C1,-C2,-C3,-C4 CAPACITOR
- F1,-F2,-F3,-F7 MICRO FUSE
- F4,-F5,-F6 TEMPERATURE SWITCH
- H1 ERROR-LED
- K1 MAINS CONTACTOR
- L1 OUTPUT INDUCTANCE
- M1,-M2 FAN
- Q1 MAINS SWITCH
- Q2 STEP SWITCH COARSE SETTING
- Q3 STEP SWITCH FINE SETTING
- R1 POWER RESISTOR
- R2 ID-RESISTOR (6K34-VS357/10KΩ-VS457)
- R3 SHUNT
- T1 MAIN TRANSFORMER
- T2 AUXILIARY TRANSFORMER
- V1 WELDING RECTIFIER
- V2 MOTOR RECTIFIER
- W1 CONNECTOR LINE (-OPTION-)
- X1 MAINS VOLTAGE CHANGEOVER TERMINAL BLOCK
- X2 MAINS INPUT TERMINAL BLOCK
- X3 TERMINAL POINT + WELDING CURRENT
- X4 WELDING CURRENT GROUND SOCKET
- X5 AUXILIARY TRANSFORMER TERMINAL BLOCK
- X9 CONNECTOR TO COOLING UNIT
- X10 CONNECTOR TO TEMPERATURE SWITCH -F4
- X11 CONNECTOR
- X12 SIGNAL CONNECTOR
- X13 FAN TERMINAL POINT
- Z1,-Z2 EMC-FILTER

- =1+A5 BETRIEBSART-WAHLSCHEITERPLATINE EPR1A
- =1-M1 DRAHTVORSCHUBMOTOR
- =1-R1 POTENTIOMETER MOTORDREHZAHL
- =1-X3 BRENNER-ZENTRALANSCHLUSS
- =1-X4 KLEMMSTELLE + SCHWEISSTROM
- =1-X6 STECKVERBINDUNG MOTORANSCHLUSS
- =1-X7 BRENNERTASTERSTECKDOSE
- =1-X12 STECKVERBINDUNG STEUERSIGNALE
- =1-Y1 GASMAGNETVENTIL

- =1+A5 WELDING MODE SELECTOR CARD EPR1A
- =1-M1 WIRE FEEDER MOTOR
- =1-R1 POTENTIOMETER MOTOR SPEED
- =1-X3 WELDING CURRENT CENTRAL CONNECTOR
- =1-X4 TERMINAL POINT + WELDING CURRENT
- =1-X6 MOTOR TERMINAL CONNECTOR
- =1-X7 GUN SIGNAL SOCKET
- =1-X12 SIGNAL CONNECTOR
- =1-Y1 GAS VALVE

- =2-X1,=2-X2 STECKVERBINDUNG STEUERSIGNALE
- =2-X3,=2-X5 KLEMMSTELLE + SCHWEISSTROM

- =2-X1,=2-X2 SIGNAL CONNECTOR
- =2-X3,=2-X5 TERMINAL POINT + WELDING CURRENT

- =3-M1 WASSERPUMPE
- =3-X9 STECKVERBINDUNG

- =3-M1 WATER PUMP
- =3-X9 CONNECTOR

- =5-F1 FEINSICHERUNG
- =5-X1 GASVORWARMERSTECKDOSE

- =5-F1 MICRO FUSE
- =5-X1 SOCKET TO GAS-PREHEATER

- =6+A9 PUSH-PULL-ANZEIGEPRINT PRA
- =6+A10 PUSH-PULL-MOTORSTEUERUNG PR31
- =6+A11 PUSH-PULL-STEUERPRINT PR32A
- =6+A12 PUSH-PULL-NETZTEILPLATINE NIV1A
- =6-R1 WIDERSTAND
- =6-X1 STECKVERBINDUNG ZUR SCHWEISSTROMQUELLE
- =6-X2 STECKVERBINDUNG ZUR DRAHTVORSCHUBEINHEIT
- =6-X7 STECKVERBINDUNG ZUM PUSH-PULL-BRENNER

- =6+A9 PUSH-PULL INDICATION CARD PRA
- =6+A10 PUSH-PULL MOTOR CONTROLLER PR31
- =6+A11 PUSH-PULL CONTROL CARD PR32A
- =6+A12 PUSH-PULL POWER SUPPLY CARD NIV1A
- =6-R1 RESISTOR
- =6-X1 CONNECTOR TO WELDING UNIT
- =6-X2 CONNECTOR TO WIRE FEEDER UNIT
- =6-X7 CONNECTOR TO PUSH-PULL TORCH



SICHERHEITSTRENNSTRECKE



SAFETY DISCONNECTION POINT