

The diagram illustrates the electrical control system for a machine, divided into two main sections: the top section for the 24V1 supply and the bottom section for the 24V2 supply.

Top Section (24V1 Supply):

- Power Circuit:** The 24V1 supply is connected to a circuit breaker (Q3.14) and a thermal relay (WRM22). The circuit is controlled by a SIEMENS S7-1200 PLC (I5.5, I5.6, I5.7) and a relay (KA14). The PLC output (Q2.3) is connected to a relay (KT14) and a terminal block (RF 2).
- Control Circuit:** The control circuit is connected to the 24V1 supply and includes a relay (KA14), a thermal relay (WRM22), and a terminal block (RF 2). The terminal block (RF 2) is connected to a relay (KT14) and a terminal block (RF 2).
- Terminal Block (RF 2):** The terminal block (RF 2) is connected to a relay (KA14), a thermal relay (WRM22), and a terminal block (RF 2).

Bottom Section (24V2 Supply):

- Power Circuit:** The 24V2 supply is connected to a circuit breaker (Q3.14) and a thermal relay (WRM22). The circuit is controlled by a SIEMENS S7-1200 PLC (I5.5, I5.6, I5.7) and a relay (KA14). The PLC output (Q2.3) is connected to a relay (KT14) and a terminal block (RF 2).
- Control Circuit:** The control circuit is connected to the 24V2 supply and includes a relay (KA14), a thermal relay (WRM22), and a terminal block (RF 2). The terminal block (RF 2) is connected to a relay (KT14) and a terminal block (RF 2).
- Terminal Block (RF 2):** The terminal block (RF 2) is connected to a relay (KA14), a thermal relay (WRM22), and a terminal block (RF 2).

WYKONAWCA:				INWESTOR:	
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				NAZWA PROJEKTU: REMONT OCZYSZCZALNI ŚCIEKÓW W KRZESZYCACH	
				OBIĘKT OCZYSZCZALNIA ŚCIEKÓW W KRZESZYCACH działka nr 611/2 (obręb 0010 Krzeszyce)	
BRANŻA:				TYTUŁ RYSUNKU:	
ELEKTRYCZNA				Sterowanie pracą mieszdadła M22	
OPRACOWAŁ:	mgr inż. Wojciech Staszak			NR RYSUNKU:	
PROJEKTOWAŁ:	mgr inż. Grzegorz Witosławski	Nr. upr. 70/Pw/92		RT/18	