

OZT-*35, OZT-*45



The transformer units type OZT-*35 and OZT-*45 are manufactured in flameproof housings and equipped with the main transformer for 3.5kVA (OZT-*35) or 4.5kVA (OZT-*45) power rating. The units are equipped with two independent contactor circuits (outputs) and make it possible to supply the installations (e.g. lighting ones) with three-phase voltage of 133V or 230V or control one or two lower power motors. Voltage change of the transformer unit secondary side is performed by a user during its installation. The relays used make it possible to control the unit by connecting the standard control circuit ($R_{off} < 600 \Omega$) and „low ohm” circuit ($R_{off} < 100 \Omega$).

TECHNICAL SPECIFICATIONS

Model	OZT-035	OZT-135	OZT-045	OZT-145
Primary voltage	500 V, 50 Hz	1000 V, 50 Hz	500 V, 50 Hz	1000 V, 50 Hz
Three-phase transformer power	3,5+0,1 kVA		4,5+0,1 kVA	
Secondary voltage	133 V or 230 V			
Outside auxiliary voltages with leak control	42 V 50 Hz			
Maximum power of connected motors	1x2,2 kW		1x3 kW or 2x1,5 kW	
Rated current of discharge 133/230 V	15,2A/8,8 A		19,5/11,3 A	
Weight	220 kg		230 kg	
Marking of the appliance	CE 1453 IM2 Ex d [i]			
Certificate number	KOMAG/08/ATEX/23X			

MODEL TYPES OZT-*35

	OZT-035	OZT-135
Overcurrent protections of output circuit I:		
Miniature circuit-breaker	13A	13A
Overload relay	5,2÷8 A	5,2÷8 A
Rotation direction change switch	equipped	equipped
Overcurrent protections of output circuit II:		
Miniature circuit-breaker	16 A	16 A
Overload relay	-	-
Rotation direction change switch	-	-
Indicator of transformer primary and secondary voltage value	-	equipped
Drawing No.	AM-910115-01	AM-910115-02

MODEL TYPES OZT-*45

	OZT-045, OZT-145
Overcurrent protections of output circuit I:	
Miniature circuit-breaker	13 A
Overload relay	5,2÷8 A

	OZT-045, OZT-145			
Rotation direction change switch	equipped		equipped	
Overcurrent protections of output circuit II:				
Miniature circuit-breaker	20 A		13 A	
Overload relay	-		5,2÷8 A	
Rotation direction change switch	-		equipped	
Indicator of transformer primary and secondary voltage value	-	equipped	-	equipped
Drawing No. OZT-045	AM-910116-01	AM-910116-02	AM-910116-05	AM-910116-06
Drawing No. OZT-145	AM-910116-03	AM-910116-04	AM-910116-07	AM-910116-08

The transformers units can be equipped with other overcurrent protections, which are specified in the Operation and Maintenance Documentation, User's Manual of the particular transformer unit.

EXAMPLE ORDER

When an order is placed for a transformer unit in a version specified in the table of model types, give a transformer unit type and its catalogue number in your order.

When an order is placed for a transformer unit with other overcurrent protections, give the following in your order: transformer unit type, its catalogue number (according to the tables of model types), required overcurrent protections according to the Operation and Maintenance Documentation, User's Manual of the particular transformer unit.

DIAGRAMS OF TRANSFORMER UNITS' MAIN CIRCUITS

