



DISTRIBUTION SWITCHGEAR voltage up to 10kV

TECHNICAL DATA

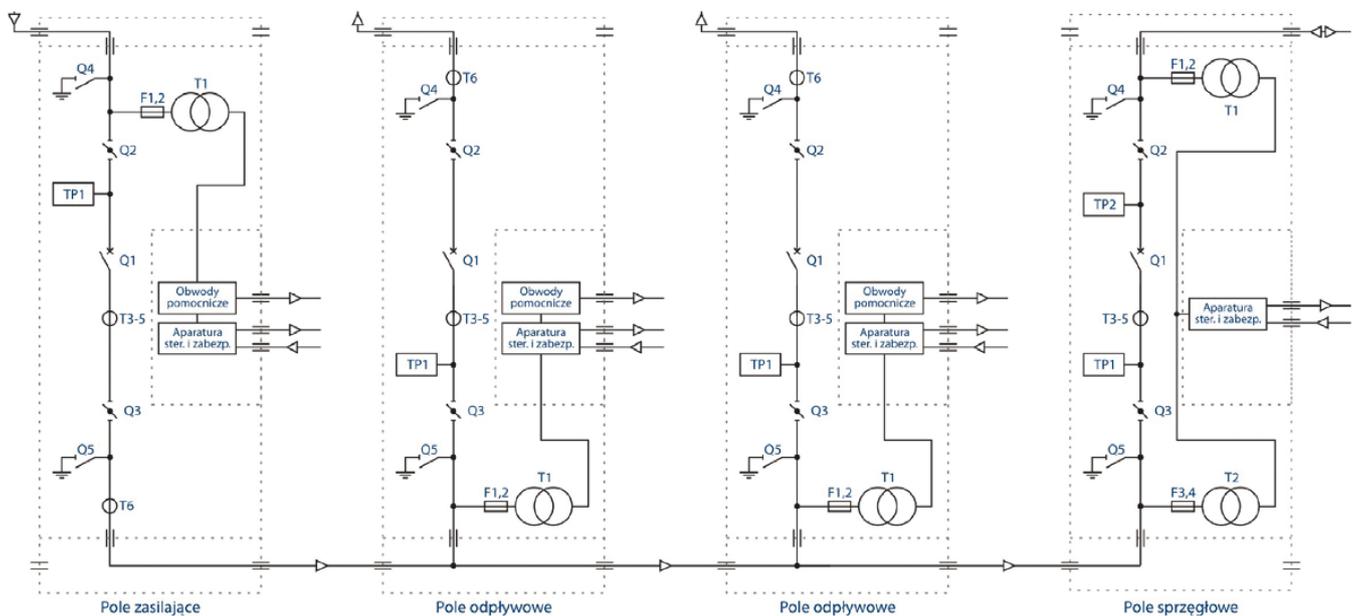
EH-d08-W/10/1/.....		EH-d08-W/...	
Rated insulation voltage	10 000V	Rated insulation voltage	up to 6600V
Rated switching voltage	10 000V	Rated insulation voltage U_i Max working voltage	7200V AC
Maximum working voltage	12 000V	Frequency	50/60Hz
Rated frequency	50/60Hz	Rated continuous current I_e	630A
Rated continuous current	630A	Rated continuous current of a single output	400A
Rated earth-leakage current	20kA	Rated earth-leakage current	20kA
Rated peak, withstand current	50kA	Rated peak, withstand current	50kA
Short-circuit power of connected network	350MVA	Short-circuit power of connected network	100MVA
External control circuits	„ia”	Number of power lines	2
Casing protection grade	IP54	Number of main outputs	2
Weight	~1600kg	Weight	1600kg

CHARACTERISTICS

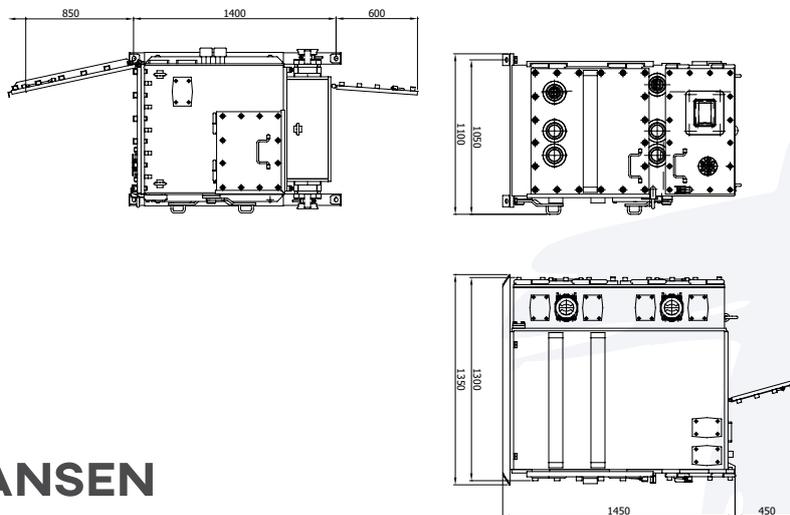
The flameproof distribution field is an electric power connector applied inside mining underground MV /up to 10kV inclusive/ distribution networks with the insulated neutral point of the supplying transformer. Distribution field is an anti-explosion version device and it may be installed inside both non-methane or methane underground mine excavations with a coal dust explosion hazard. The autonomous version predisposes the flameproof distribution field for installation in the one- or multi-section distribution systems. In order to realize the multifield and sectional distributor the following distribution field versions are foreseen: supplying, supplying & out-

put or output ones (including the line, transformer or motor) or coupling versions. The electric power protective controllers foreseen for application have a system suitable for control and cooperation with technological interlocks as well as division to flameproof compartments inside the applied casing ensure safe cooperation in the distribution system. The distribution field enables realization of the control & earth continuity monitoring function to the device situated on the output, monitoring of the cable / flexible lead screen status on the output and cooperation with methane-metering systems. Separators with intrinsically safe circuits ensure a remote control, proper cooperation with technological interlocks (including the methane-metering ones) and data transmission.

SCHEMATIC DIAGRAM



DIMENSIONAL DRAWING



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