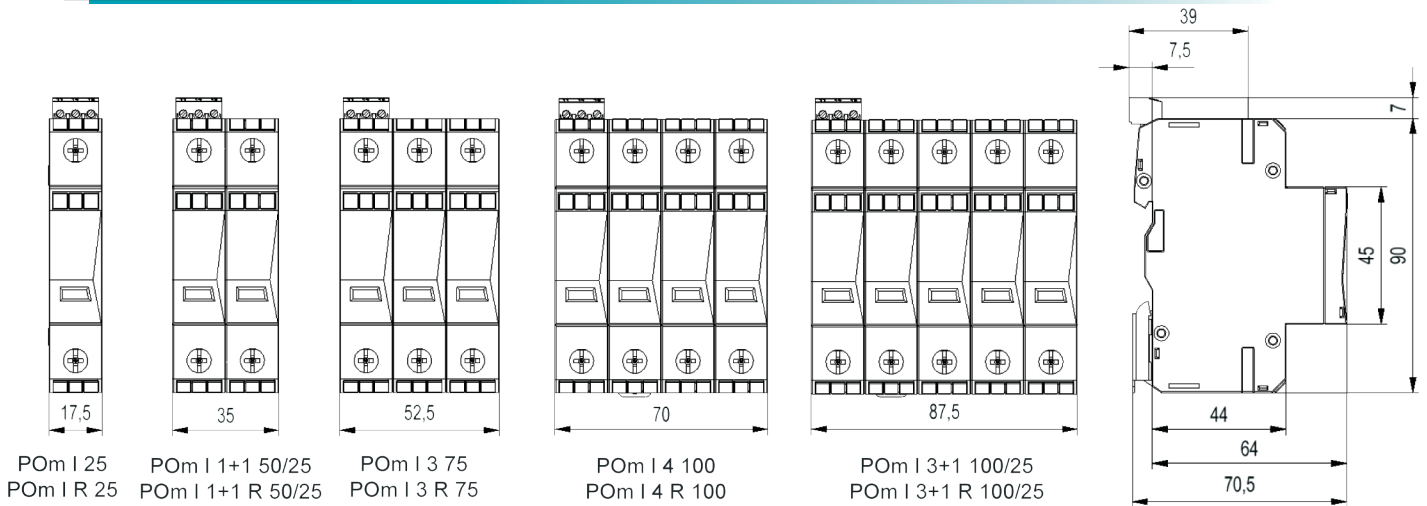


DIMENSIONS



TECHNICAL PARAMETERS

KIWA	Type	POm I		
		L-N/PE	N-PE	
		25	50	100
Number of poles		1		
Nominal voltage	U_n	230 V AC		
Max. operating voltage	U_c	280 V AC	260 V AC	
Voltage protection level	U_p	≤1,5 kV		
Response time	t_A	<25 ns	<100 ns	
Impulse current (10/350)	I_{imp}	25 kA	50 kA	100 kA
Open circuit voltage	U_{oc}	20 kV	10 kV	6 kV
Nom. discharge current (8/20)	I_n	30 kA	60 kA	100 kA
Max. discharge current (8/20)	I_{max}	60 kA	60 kA	100 kA
Prospective short-circuit current of a power supply	I_p	25 kA _{ef}	-	
Overcurrent protection gL/gG		≤160 A	-	
Temporary overvoltage	U_{TOV}	335 V AC	-	
Residual current	I_{PE}	-	<1 μA	
Follow current	I_f	-	100 A	
Signalling changeover contact		M3/0,25 Nm, □ 0,2 ... 1,5 mm ² , max. 250 V AC/1A	-	
Status indication of TDD (Thermic Disconnecting Device)		Green (OK) Red (OUT)	-	
Status indication of EWS		-		
Min. ... max. tightening torque		2 ... 3 Nm		
Connecting conductor cross section:- wire		4 ... 35 mm ²		
- cord		4 ... 25 mm ²		
Operating temperature range		- 40 ... +70 °C		
Degree of protection		IP 20		
Colour		Black; RAL 9011		
Dimensions		97 x 64 x 17,5	97 x 64 x 35	
Mounting on profiled DIN rail		35 x 7,5 mm		
Products comply with norms		type 1 T1 + type 2 T2 + type 3 T3 Class I + Class II + Class III Klasse B + Klasse C + Klasse D		