

Data sheet:

AC-Load break switch Model S5000 – 1600A



Electrical data (according to IEC 60947-3)

Thermal current I_{th} (-30 to 50 °C) 1600A

Rated insulation voltage U_i (V) 1000
Rated impulse withstand voltage U_{imp} (kV) 12

AC Rated operational current I_e (A)

Voltage (C)	Category of operation	I _e
400 V	AC21A	1600
	AC22A	1600
500 V	AC21A	1600
	AC22A	1250

** Please consult for other voltages and/or category of operation

Short-circuit behaviour

Short-circuit making capacity (peak value) I _{cm}	75kA
Short-time withstand current (1 sec) (rms) I _{cw}	50kA
Conditional short-circuit current (rms value)	
Maximum cut-off current (peak value)	

Standards. IEC 60947-1 & 3

Quality Telergon, S.A.U.

ISO 9001 & 14001



Connection capacity

Bar (Thickness / Width) (mm)	2x7/80
Rigid cable (mm ²)	
Max. Connecting copper bar (mm)	80
Tightening torque (N·m)	55

Testing as per IEC 60947-3. Approvals

IPH Berlin



Mechanical data

Minimum number of operations (as per standard) without load	10000
Maximum weight (4 pole molded case) (kg)	18,5/20,8

Codes

Case size (A)	Poles	Code	Code for direct handle
Size 4	3P	S5-16003PS0	DS-LI41
Size 4	4P (3P+N)	S5-16003NS0	DS-LI41

Accessories

Panel handle	DS-LA41
Auxiliary contact	D5LAU01

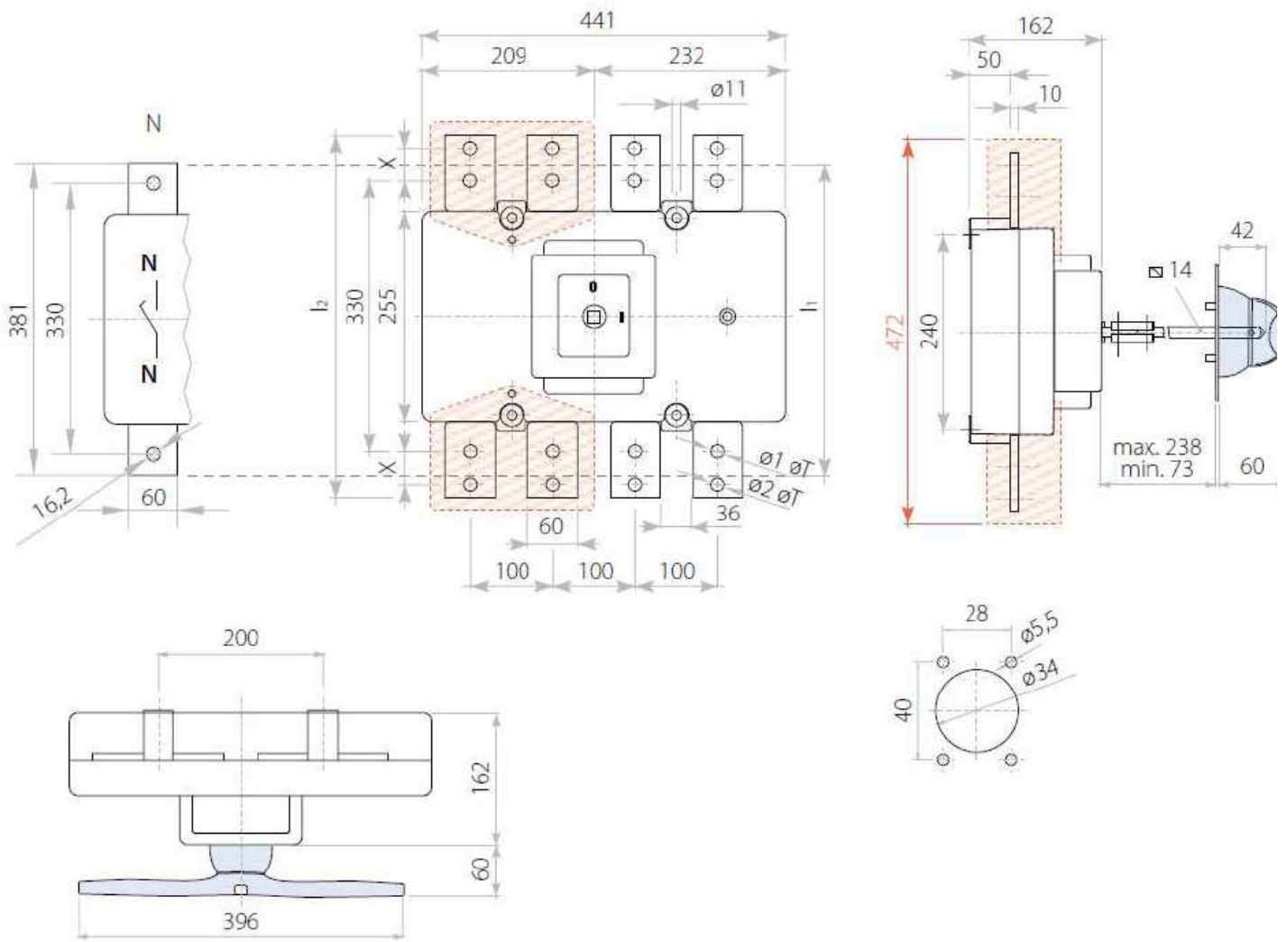
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AC Switch-Disconnecter
S5-16003PS0
S5-16003NS0

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Dimensions



S5000	I _{th}	H	I	X	φT	M	H max. (Cu)mm		L max. (Cu)mm	
							2x7	80		
4	1600 A	330	441	40	14,1	M14	55	2x7	80	

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