

Combined testing devices

Variant overview



BestPerformance

Device	G7-1A	G7-1M	G7-1B	G7-1N	G7-1G	G7-1T	G7-1C	G7-1P	G7-1U	G7-1H
Applications										
Manual application	•		•		•		•		•	
Automatic application	•	•	•	•	•	•	•	•	•	•
Operation										
Touch-Panel	•		•		•		•		•	
Measurement types										
High-voltage AC						•	•		•	•
						5 kV / 100 mA	5 kV / 100 mA		3 kV / 200 mA	3 kV / 200 mA
High-voltage DC		•	•	•	•			•	•	
		6 kV / 5 mA	6 kV / 5 mA	6 kV / 2 mA	6 kV / 2 mA			6 kV / 10 mA	6 kV / 10 mA	
Insulation resistance measurement		•	•	•	•	•	•	•	•	•
		6 kV / 0,25 GΩ	6 kV / 0,25 GΩ	6 kV / 5 GΩ	6 kV / 5 GΩ	1,2 kV / 1 GΩ	1,2 kV / 1 GΩ	6 kV / 1 GΩ	6 kV / 1 GΩ	1,2 kV / 1 GΩ
Protective conductor resistance measurement		•	•	•	•	•	•	•	•	•
		0,5 Ω / > 10 A	0,5 Ω / > 10 A	0,5 Ω / > 10 A	0,5 Ω / > 10 A	1,2 Ω / 10...32 A	1,2 Ω / 10...32 A	0,5 Ω / > 10 A	0,5 Ω / > 10 A	1,2 Ω / 10...32 A
Extensions										
Integrated switching-field	•	•	•	•	•	•	•	•	•	•
Safety current limitation HV	•	•	•	•						
Burn function					○	○				
Voltage read-back	○	○	○	○			○	○		

• Standard ○ Optional

HighPerformance

Device	F7-1A	F7-1A Z200	F7-1M	F7-1M Z200	F7-1B	F7-1N	F7-1C	F7-1P
Applications								
Manual application	•	•			•		•	
Automatic application	•	•	•	•	•	•	•	•
Operation								
Touch-Panel	•	•			•		•	
Measurement types								
High-voltage AC	•	•	•	•	•	•	•	•
	5 kV / 100 mA	3 kV / 200 mA	5 kV / 100 mA	3 kV / 200 mA	5 kV / 100 mA	5 kV / 100 mA	6 kV / 100 mA	6 kV / 100 mA
High-voltage DC	○	○	○	○	○	○	○	○
	6 kV / 100 mA	3 kV / 200 mA	6 kV / 100 mA	3 kV / 200 mA	6 kV / 100 mA	6 kV / 100 mA	8 kV / 100 mA	8 kV / 100 mA
Insulation resistance measurement	○	○	○	○	○	○	○	○
	6 kV / 100 MΩ	3 kV / 100 MΩ	6 kV / 100 MΩ	3 kV / 100 MΩ	6 kV / 100 MΩ	6 kV / 100 MΩ	8 kV / 100 MΩ	8 kV / 100 MΩ
Protective conductor resistance measurement	•	•	•	•	•	•	•	•
	1,2 Ω / 5...32 A	1,2 Ω / 5...32 A	1,2 Ω / 5...32 A	1,2 Ω / 5...32 A	1,2 Ω / 5...32 A	1,2 Ω / 5...32 A	1,2 Ω / 5...32 A	1,2 Ω / 5...32 A
Extensions								
Integrated switching-field	•	•	•	•				
Safety current limitation HV	○		○		○	○		
Burn function	○		○		○	○		
Voltage read-back	○	○	○	○	○	○	○	○

• Standard ○ Optional







Flexibility is of prime importance with ELABO. That is why two versions of the devices in this line of equipment are available. Depending on the purpose, universal use or fully automated operation are possible.

Combined testing devices

Variant overview



BestPerformance . Plus

Gerät	G8-1A	G8-1G	
Applications			
Manual application	•	•	
Automatic application	•	•	
Operation			
Touch-Panel	•	•	
Measurement types			
High-voltage AC			• 5 kV / 100 mA
High-voltage DC		• 6 kV / 5 mA	
Insulation resistance measurement		• 6 kV 2,5 GΩ	• 1,2 kV 1 GΩ
Protective conductor resistance measurement		• 1,2 Ω / 5...32 A	• 1,2 Ω / 5...32 A
Functional test		• 50...300 V / 16 A 4000 W / VA	• 50...300 V / 16 A 4000 W / VA
Continuity test (AC)		• > 24 V / > 2 A / 1000 Ω	• > 24 V / > 2 A / 1000 Ω
Extensions			
Integrated switching-field	•	•	
Safety current limitation HV	•		
Burn function		○	
Voltage read-back			

• Standard ○ Optional



Flexibility is of prime importance with ELABO. That is why two versions of the devices in this line of equipment are available. Depending on the purpose, universal use or fully automated operation are possible.