

### U version, front mount. Voltmeter switches. Ammeter switches



Order code	IEC current AC1	Front plate size	Qty per pkg	Wt
	[A]	[mm]	n°	[kg]

**VOLTMETER SWITCHES.**  
Phase-Neutral L1-N/L2-N/L3-N  
2 wafers - scheme 68.

<b>7 GN12 68 U</b>		16	□ 48	1	0.094
<b>7 GN20 68 U</b>		20	□ 48	1	0.099

Phase-Phase L1-L2/L2-L3/L3-L1  
2 wafers - scheme 67.

<b>7 GN12 67 U</b>		16	□ 48	1	0.094
<b>7 GN20 67 U</b>		20	□ 48	1	0.099

For 3 phase to phase voltages and 3 phase voltages  
3 wafers - scheme 66.

<b>7 GN12 66 U</b>		16	□ 48	1	0.116
<b>7 GN20 66 U</b>		20	□ 48	1	0.116

For 1 phase voltage and 3 phase to phase voltages  
3 wafers - scheme 60.

<b>7 GN12 60 U</b>		16	□ 48	1	0.105
<b>7 GN20 60 U</b>		20	□ 48	1	0.116

**AMMETER SWITCHES.**  
Direct L1-L2-L3 reading - 5 wafers - scheme 97.

<b>7 GN12 97 U</b>		16	□ 48	1	0.132
<b>7 GN20 97 U</b>		20	□ 48	1	0.148

L1-L2-L3 reading via 3 current transformers  
4 wafers - scheme 98.

<b>7 GN12 98 U</b>		16	□ 48	1	0.115
<b>7 GN20 98 U</b>		20	□ 48	1	0.115

Front plate size:  
48x48mm = 1.9x1.9"  
65x65mm = 2.6x2.6"

Type	UL/CSA general use [A]	UL/CSA horsepower ratings						Max IEC AC23 power [kW] at 400V
		1 phase		3 phases				
		120V	230V	200V	230V	480V	600V	
GN12	15	3/4	1	1 1/2	3	—	—	5.5
GN20	20	3/4	2	1 1/2	3	—	—	7.5

#### General characteristics

- IEC 16 to 125A conventional free air thermal current Ith ratings
- Extended mechanical and electrical life
- Rotation angles: 30°, 45°, 60° and 90°
- Silver-alloy dual breaking contacts
- Direct (positive) opening action ⊖; safety function according to IEC/EN 60947-5-1
- IEC IP40 front degree of protection (for IP65 see Optional-front plate); IEC IP00 of contacts
- Legend marking is standard supplied as illustrated in the order code table; any other on request.

#### Selection guide

See page 10-24.

#### Optional

IEC IP65 front plate  
Add "51" at the end of the order code.  
E.g. 7 GN12 67 U 51.

Enlarged plate for GN12-20-25 (65x65mm instead of 48x48)

Add the letter "H" after the switch size of the order code.  
E.g. 7 GN12H 68 U.

#### Special versions

In addition to standard types, particular versions are available with special operating circuit schemes.  
See page 10-18.

#### Certifications and compliance

Certifications obtained: EAC; CSA certified, for Canada and USA (File 207767) and UL Listed, for USA (File E155982), as Manual Motor Controllers. Compliant with standards: IEC/EN 60947-1, IEC/EN 60947-3, IEC/EN 60947-5-1, UL508, CSA C22.2 n° 14.