

Zelio Count - counters

Electronic preselection and multifunction counters, 48 x 48, 6 digits, LCD or LED

Counter type		Preselection XBK P6	
Display type		LCD or LED	
Characteristics			
Functions	Multifunction		Counter, 'Batch' counter, totalising counter, tachometer and chronometer
Supply voltage		V	--- 24 or ~ 230 ± 10 % or ~ 115 ± 10 %
Sensor supply voltage			--- 12 to 24 (50 mA max) for XBK P6●●30G32E or XBK P6●●30G31E
Consumption			150 mA --- 24 V, 50mA ~ 230 V or ~ 115 V
Counting frequency		Hz	5000 (2500 for bi-directional counting)
Number of digits			6
Display capacity			999999
Digit height		mm	7.6 (LED) or 9 (LCD)
Number of presets			1 or 2
Preset display			Non continuous
Counting mode			5 programmable modes : - single counter input, - single counter with phase discriminator, - differential inputs, - summing inputs, - counting direction inputs. (Counter input resistance 5 kΩ)
Reset			2 modes : reset to zero and reset to preset value
Reset type			Manual, electrical and automatic
Output type			Relay, changeover (response time 5 ms) : --- 5 V < U _c < --- 30 V ~ 5 V < U _c < ~ 250 V 10 mA < I < 1 A Transistor PNP : --- 12...24 V, 10 mA max
Connection			Screw terminal block
Minimum duration of counting pulse		ms	17 at 30 Hz 0.1 at 5 KHz
Environment			
Conforming to standards			EN 50081-2 and EN 50082-2, EN 61010
Product certifications			UL, C-UL (pending)
Temperature	Operation	°C	- 0...+ 50
	Storage	°C	- 20...+ 70
Degree of protection	Conforming to IEC 529		IP 65
Vibration resistance	Conforming to IEC 68-2-6		1 gn (10 to 150 Hz)
Shock resistance	Conforming to IEC 68-2-27		10 gn (18 ms)
Protection against electric shocks	Conforming to IEC 536		Class II
Mounting and fixing			Flush-mounting unit and fixing by a self-locking clamp with setscrews

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References



XBK P61●30G3●E



XBK P62●30G3●E

Supply voltage	Number of display digits	Counting frequency	Number of presets	Reference	Weight
V		kHz			kg

Manual, electrical and automatic reset

Preselection counters with LCD display

= 24	6	5	1	XBK P61130G30E	0.150
			2	XBK P61230G30E	0.150
~ 115	6	5	1	XBK P61130G31E	0.250
			2	XBK P61230G31E	0.250
~ 230	6	5	1	XBK P61130G32E	0.250
			2	XBK P61230G32E	0.250

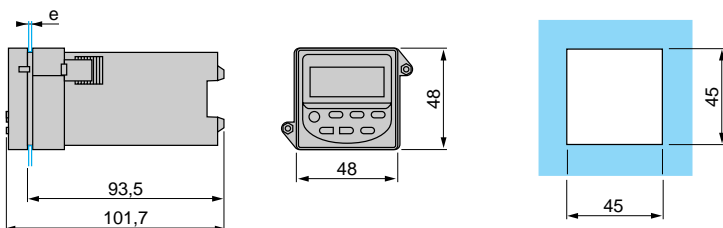
Preselection counters with LED display

= 24	6	5	1	XBK P62130G30E	0.150
			2	XBK P62230G30E	0.150
~ 230	6	5	1	XBK P62130G32E	0.250
			2	XBK P62230G32E	0.250

Dimensions

XBK P6●30G3●E

Flush-mounting



Schemes

XBK P6●30G3●E

