

Product Data Sheet

New range of latching relays



Launch objective

The EPN5XX range with better safety & user friendly features and improved aesthetics would replace the existing EP5XX series and the EP05X series of auxiliaries.

Product Description: Latching Relays

- ❑ Control devices used to control lighting circuits.
- ❑ Operates on an impulse voltage that helps change the state of the relay. For e.g, a NO relay changes state to NC, on receipt of an impulse voltage, and changes its state to NO on receipt of the next impulse.

Standards:

- ❑ Conforms to standard EN669-1 and EN669-2-2.
- ❑ VDE, NF, Cebec, and IMQ approval and logo.

Technical specifications:

- ❑ Operating Voltage:
 - 230 V/ 48 V/ 24 V/ 12 V/ 8 **V AC**
 - 110 V/ 24 V/ 12 **V DC**
- ❑ Operating frequency: 50 / 60 Hz
- ❑ Current rating: 16 A AC1.

□ Configuration:





- 1 NO
- 2 NO
- 1 NC + 1 NO
- 4 NO
- 2 NC + 2 NO
- 3 NO + 1 NC

Range

Latching relay:

		1 module			2 modules		
AC	DC	1NO	2NO	1NO+1NC	4NO	2NO+2NC	3NO+1NC
8V		EPN512	EPN522				
12V		EPN511	EPN521	EPN519			
24V	12V	EPN513	EPN524	EPN518	EPN541	EPN528	
48V	24V	EPN501	EPN526	EPN503	EPN548		
110/127V	48V		EPN523	EPN516			
230V	110V	EPN510	EPN520	EPN515	EPN540	EPN525	EPN546

Auxiliaries:

EPN050 Auxiliary for centralised control	EPN051 Auxiliary contact	EPN052 Multileveled central control	EPN053 Auxiliary contact / maintained contact
			

Main evolution:

- Front product labelling for circuit identification.
- PZ2 screws for coil and contact terminals.
- IP2 protection.

Inter-changeability:

- The present auxiliary contact EP05X (except EP053) can be added to the latching relays EPNXXX.
- The new auxiliary contact EPN05X (except EPN053) can be added to the latching relays EP5XX.

References (Old & New):

Référence		Specification		
Present	New			
EP501	EPN501	1NO	16A	48V
EP503	EPN503	1NO+1NC	16A	48V
EP510	EPN510	1NO	16A	230V
EP511	EPN511	1NO	16A	12V
EP512	EPN512	1NO	16A	8V
EP513	EPN513	1NO	16A	24V
EP514	Deleted	1NO	16A	110/127V
EP515	EPN515	1NO+1NC	16A	230V
EP516	EPN516	1NO+1NC	16A	110/127V
EP517	Deleted	1NO+1NC	16A	8V
EP518	EPN518	1NO+1NC	16A	24V
EP519	EPN519	1NO+1NC	16A	12V
EP520	EPN520	2NO	16A	230V
EP521	EPN521	2NO	16A	12V
EP522	EPN522	2NO	16A	8V
EP523	EPN523	2NO	16A	110/127V
EP524	EPN524	2NO	16A	24V
EP525	EPN525	2NO+2NC	16A	230V
EP526	EPN526	2NO	16A	48V
EP528	EPN528	2NO+2NC	16A	24V
EP529	Deleted	2NO+2NC	16A	12V
EP540	EPN540	4NO	16A	230V
EP541	EPN541	4NO	16A	24V
EP546	EPN546	3NO+1NC	16A	230V
EP547	Deleted	3NO+1NC	16A	24V
EP548	EPN548	4NO	16A	48V

