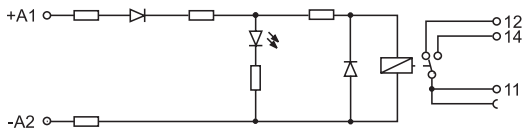
Input Data

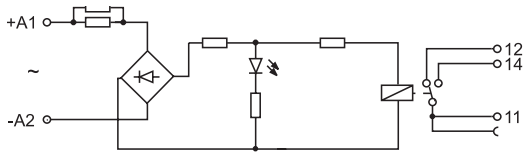
Relay code	Nominal input voltage U_n	Input power control circuit (U_n)	Input - voltage range V	
			min.	**max.**
PIR6W-1P-12VDC	12 V DC	0,3 W	9,6	14,14
PIR6W-1P-24VDC	24 V DC	0,3 W	19,2	28,0
PIR6W-1P-24VAC/DC	24 V AC/DC	0,3 VA / 0,3 W	19,2	26,4
PIR6W-1P-115VAC/DC	115 V DC	0,9 VA / 0,9 W	92,0	130,0

Connection Diagrams

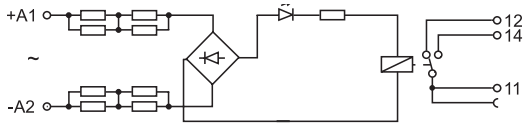
PIR6W-1P-12VDC
PIR6W-1P-24VDC



PIR6W-1P-24VAC/DC

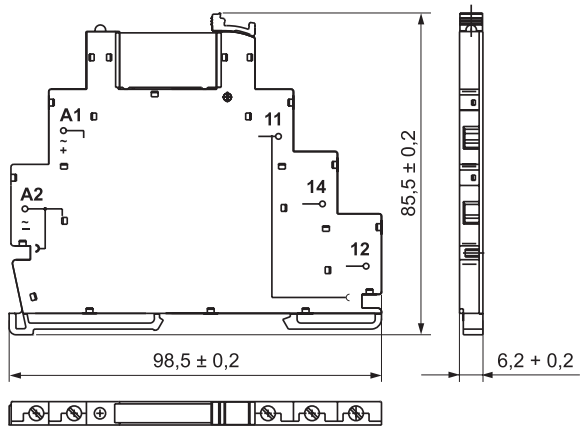


PIR6W-1P-115VAC/DC

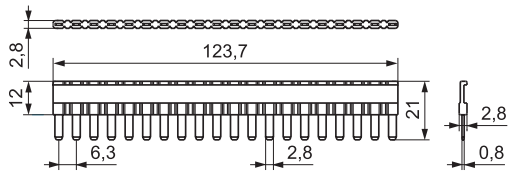


Dimensions

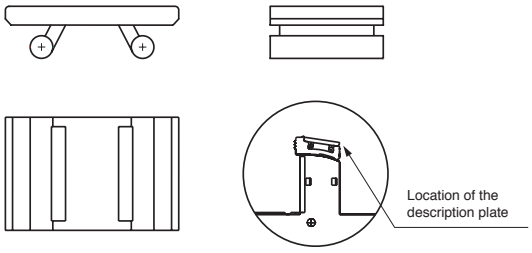
Dimensions are in millimeters (inches). Dimensions not intended for manufacturing purposes.



Interconnection Strip ZG20



Description Plate PI6W-1246

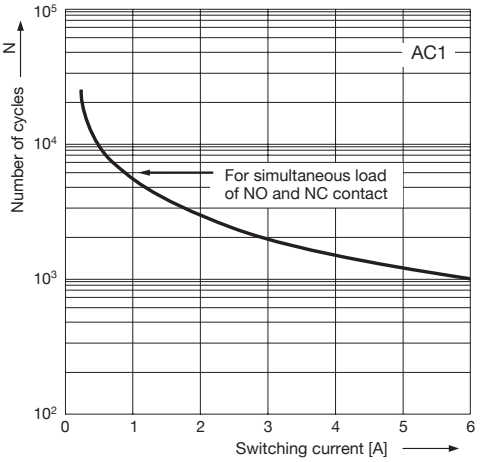


Mounting

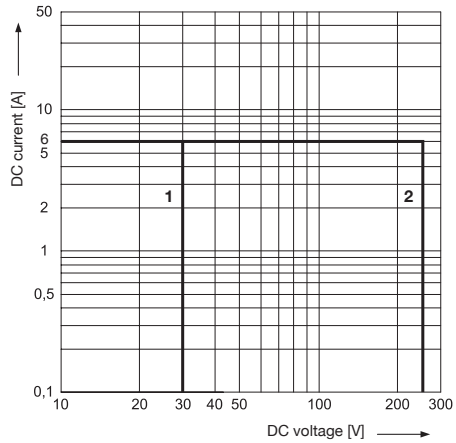
Relays **PIR6W** are designed for 35 mm DIN rail mount, EN 50022.

PIR6W are adapted for the co-operation with interconnection strip type **ZG20**. Interconnection strip **ZG20** allows to common bridging outputs or inputs. Maximum current rate is 36 A. Colors of strips: **ZG20-1** red, **ZG20-2** black, **ZG20-3** blue.

Electrical life at AC resistive load.
Maximum switching frequency at rated load

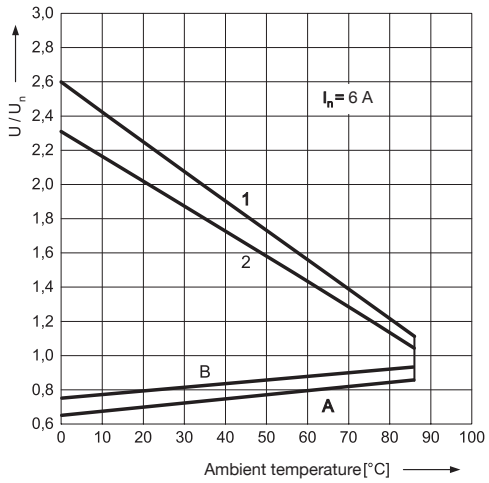


Max. DC resistive load breaking capacity



1 - resistive load DC1
2 - resistive load AC1

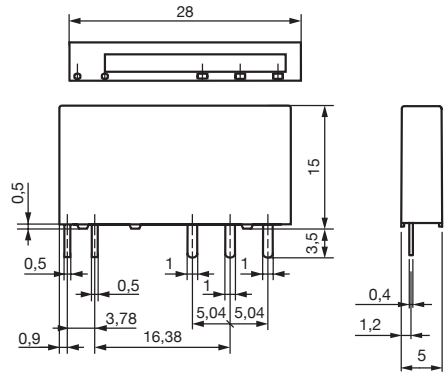
Coil Operating Range - DC



RM699 Interface Operational Relay Dimensions

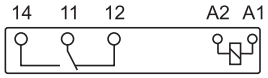
Dimensions are in millimeters (inches). Dimensions not intended for manufacturing purposes.

vertical version (V)



RM699 Connections Diagrams (pin side view)

vertical version (V)

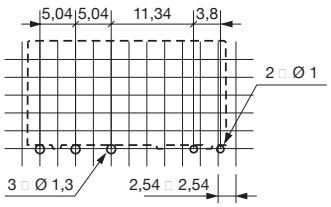


1C/O

RM699 Mounting openings raster (solder side view)

horizontal version (H)

1C/O



Description of Coil Operating Range
A - relations between make voltage and ambient temperature at no load on contacts. Coil temperature and ambient temperature are equal before coil energizing. Make voltage is not higher than the value read on Y axis (multiplication of rated voltage).
B - relations between make voltage and ambient temperature after initial coil heating up with 1,1 Un, at continues load of In on contacts. Make voltage is not higher than the value read on Y axis (multiplication of rated voltage).
1, 2,3 - values on Y axis represent allowed overvoltage on coil at certain ambient temperature and contact load:
1 - no load
2 - rated load