

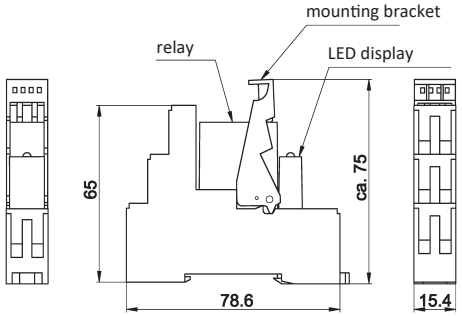
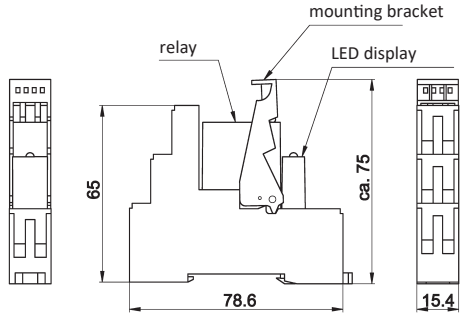
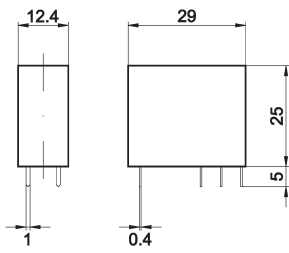
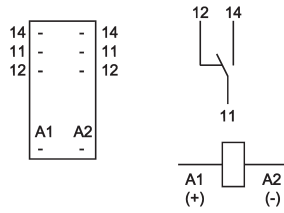
article-no.	VR100010	VR100020
operating voltage	24V DC	24V DC
relay output	1x change-over contact	2x change-over contact
article-no.	VR100014	VR100024
operating voltage	230V AC	230V AC
relay output	1x change-over contact	2x change-over contact
		
TECHNICAL DATA		
operating range	DC: 0.75 ... 1.5 UN, AC: 0.8 ... 1.1 UN	DC: 0.75 ... 1.5 UN, AC: 0.8 ... 1.1 UN
relay output	1x change-over contact	2x change-over contact
version *	complete unit	complete unit
operating voltage	see above	see above
switching current	0.05 ... 16A	0.005 ... 5A
switching capacity	AC: max. 4000VA / DC: max. 100W	AC: max. 1250VA / DC: max. 100W
switching voltage	max. 400V	max. 250V
testing voltage	contact/winding: 4000Veff	contact/winding: 4000Veff
response/decay time	< 15/20ms	< 15/20ms
operating cycles (min.)	DC: min. 2x10 ⁷ AC: min. 10 ⁷ operating cycles	DC: min. 2x10 ⁷ AC: min. 10 ⁷ operating cycles
display (signal)	red LED	red LED
dimensions	15.4 x 78.6 x 75mm	15.4 x 78.6 x 75mm
material (contacts)	AgCdO	AgNi
degree of protection (EN 60529)	IP40	IP40
operating temperature	-40 ... +70°C	-40 ... +70°C
connection	terminals	terminals
insulation class	VDE 0110: C250, B380	VDE 0110: B250
certification	VDE, S, SEV, UL, CSA among others	VDE, S, SEV, UL, CSA among others
* Complete unit: relay, holder, strap, label and LED display (1 piece each)		

image 1 relay, 1 change-over contact



relay connection



holder connection

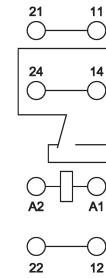
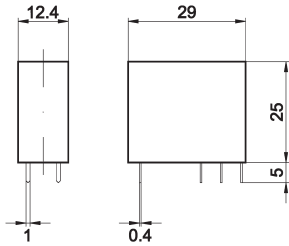
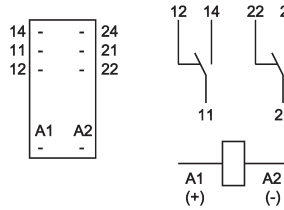


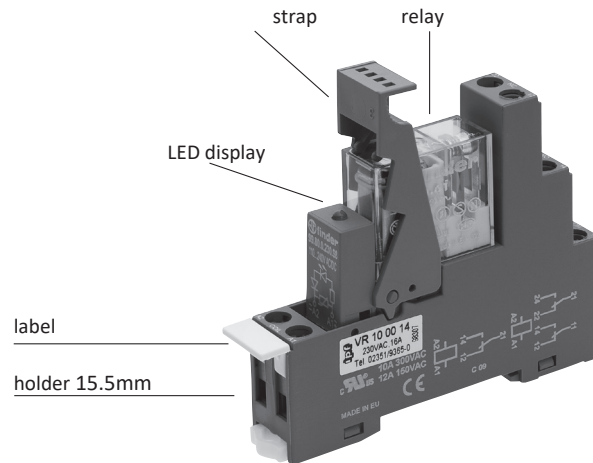
image 2 relay, 2 change-over contacts



relay connection



holder connection



ACCESSORIES

article-no.	description	housing	voltage	output	switching current	connection	figure
VR100111	relay 5mm grid	plastic	24V DC	1 change-over contact AgCdO	16A	solder/ plug-in connection	1
VR104111	relay 5mm grid	plastic	230V AC	1 change-over contact AgCdO	16A	solder/ plug-in connection	1
VR100112	relay 5mm grid	plastic	24V DC	2 change-over i contact AgN	5A	solder/ plug-in connection	2
VR104112	relay 5mm grid	plastic	230V AC	2 change-over contact AgNi	5A	solder/ plug-in connection	2
AV000051	holder 15.5 wide addable, DIN rail 35	plastic					
AV000052	strap	plastic					
AV000053	label	plastic					
AV000054	LED display	plastic	24V DC				
AV000055	LED display	plastic	110-230V AC				

Other coil voltages on request!

This data sheet contains only the available standard versions.

Warning: Never use these devices in applications where the safety of a person depends on their functionality.

This data sheet as well as your personal contact can be found at www.ipf-electronic.com

NOTES

A large grid area for taking notes, consisting of a 20x30 grid of small squares. The grid is empty and occupies the majority of the page.