



Symbolphoto

ICP300..500

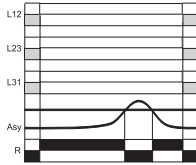
overview

- ◆ 3 phase monitoring relay
- ◆ detects phase failure, phase sequence and phase asymmetry
- ◆ detects phase failure with regenerated voltage present
- ◆ 3 selectable base modes
- ◆ 3 selectable voltage measurement functions
- ◆ automatical and manual reset selectable
- ◆ selectable measuring range (300-500V)
- ◆ Alarm memory function
- ◆ DPCO alarm relay
- ◆ LED indicators for supply voltage, alarm, output relay status, reaction timer and setting error
- ◆ 22.5mm DIN rail mount housing

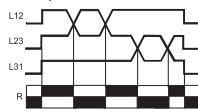
Function

- Control relay or voltage active
- Control relay or voltage passive
- Contact closed
- Contact open

auto.-Reset
asymmetry



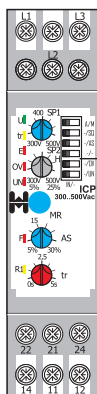
sequence



The device recognizes also the regenerated voltage of the consumer, starting from a load size of 0,5kW and an AS attitude of 5%.

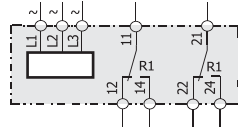
specification

supply voltage variation	180..550Vac
max. measure voltage	690Vac
frequency range	48 - 63 Hz
duty cycle	100%
repeat accuracy	<1%
output relay specification	
Ue/Ie AC-15	24V/1,5A 115V/1,5A 230V/1,5A
Ue/Ie DC-13	24V/1,5A
expected life time	DPCO
mechanical	1 x 10 ⁷ operations
electrical	8 x 10 ⁴ operations
screws	pozidriv 1 / Slot 4x0,8mm
screw tightening torque	0,4Nm
operating conditions	-20 °C .. +60 °C non condensing
	* EN 60947-5-1



DIP-Switch

- autom.-reset A / M manual-reset
- /SQ sequence on
- /AS asymmetry on
- /- -
- /OV 3 selectable base modes
- /UN over under
- inner



ordering information

part no	supply	output	sup. galv. iso*	CAES	housing types
ICP300..500Vac	300..500Vac 1,5W	DPCO	no	-	L

* The measurement input is galvanically isolated from the power supply