

# module overview

control relays	phase failure	phase sequence	monitors asymmetry	detects voltage break down	detects phase failure with rege rated voltage present	detects neutral connection	reaction time	neutral connection essential	simultane phase failure with push button at the front	housing type	zoom supply voltage	output - change over	UL-Listing	thermistor protection
ICP	✓	✓	5..30% selectable, monitoring possible to activate	✓	possible to activate	0,1 .. 5s		Reset-button	L	L	2			
TCP	✓	✓	>10%	✓		0,1 .. 10s			C	C	2	✓		
TCP-S	✓	✓	>10%	✓		0,1 .. 10s			B	B	1	✓		
PCP	✓	✓	>10%	✓		0,1 .. 10s			G	G	2			
TCP-L	✓	✓	>30%	✓		0,1 .. 10s			C	C	2			
PCP-L	✓	✓	>30%	✓		0,1 .. 10s			G	G	2			
TCP-SF	✓	✓	X			60ms			A	A	1			
TCP-SF2	✓	✓	X			60ms			B	B	2			
TCP-M	✓	✓	>10%	✓		0,1 .. 10s			C	C	2	✓		
ICPV	✓	✓				0,1 .. 5s	✓	Reset-button	L	L	2			✓
TCP-V	✓	✓	X			0,1 .. 10s	✓		C	C	2	✓		
PCP-V	✓	✓	X			0,1 .. 10s	✓		G	G	2			
TCP-VI	✓	✓	X			0,1 .. 10s	✓		C	C	2			
TCP-3N	✓	✓	5..30% selectable, monitoring possible to activate		possible to activate	1s, 5s			B	B	1			
TCP-3N2	✓	✓	5..30% selectable, monitoring possible to activate		possible to activate	1s, 5s			C	C	2			
TCP-LC	✓	✓	X			30ms	✓		C	C	2			
TCP-LC-S	✓	✓	X			30ms	✓		B	B	2			
TCP-LS	✓	✓	X			30ms	✓	✓	C	C	2			
TCP-LS-S	✓	✓	X			30ms	✓	✓	B	B	2			



## control relays