

Part Numbers

Part number	Protection	System	Page
AC current with adjustable time delay			2-5
PAU-1	Under current	Single-phase, 1A AC, 50/60Hz, Aux 24/240V AC/DC	
PAU-5	Under current	Single-phase, 5A AC, 50/60Hz, Aux 24/240V AC/DC	
PAO-1	Over current	Single-phase, 1A AC, 50/60Hz, Aux 24/240V AC/DC	
PAO-5	Over current	Single-phase, 5A AC, 50/60Hz, Aux 24/240V AC/DC	
PAD-1	Under/over current (2 output relays)	Single-phase, 1A AC, 50/60Hz, Aux 24/240V AC/DC	
PAD-5	Under/over current (2 output relays)	Single-phase, 5A AC, 50/60Hz, Aux 24/240V AC/DC	
PAP/V-1	Under/over current (2 output relays)	3-phase, 3 or 4-wire, 1A AC, 50/60Hz, Aux 24/240V AC/DC	
PAP/V-5	Under/over current (2 output relays)	3-phase, 3 or 4-wire, 5A AC, 50/60Hz, Aux 24/240V AC/DC	
AC voltage with adjustable differential and time delay			6-11
PVU/Z-100/120	Under voltage	Single-phase, 57.7/69.3V L-N AC, 50/60Hz	
PVU/Z-173/240	Under voltage	Single-phase, 100/139V L-N AC, 50/60Hz	
PVU/Z-380/480	Under voltage	Single-phase, 220/277V L-N AC, 50/60Hz	
PVO/H-100/120	Over voltage	Single-phase, 57.7/69.3V L-N AC, 50/60Hz	
PVO/H-173/240	Over voltage	Single-phase, 100/139V L-N AC, 50/60Hz	
PVO/H-380/480	Over voltage	Single-phase, 220/277V L-N AC, 50/60Hz	
PVB-100/120	Under/over voltage (2 output relays)	Single-phase, 57.7/69.3V L-N AC, 50/60Hz	
PVB-173/240	Under/over voltage (2 output relays)	Single-phase, 100/139V L-N AC, 50/60Hz	
PVB-380/480	Under/over voltage (2 output relays)	Single-phase, 220/277V L-N AC, 50/60Hz	
PVK/J-100/120	Under voltage	3-phase 3-wire, 100/120V L-L AC, 50/60Hz	
PVK/J-173/240	Under voltage	3-phase 3-wire, 173/240V L-L AC, 50/60Hz	
PVK/J-380/480	Under voltage (2 output relays)	3-phase 3-wire, 380/480V L-L AC, 50/60Hz	
PVA/C-100/120	Over voltage	3-phase 3-wire, 100/120V L-L AC, 50/60Hz	
PVA/C-173/240	Over voltage	3-phase 3-wire, 173/240V L-L AC, 50/60Hz	
PVA/C-380/480	Over voltage (2 output relays)	3-phase 3-wire, 380/480V L-L AC, 50/60Hz	
PVM-100/120	Under/over voltage (2 output relays)	3-phase 3-wire, 100/120V L-L AC, 50/60Hz	
PVM-173/240	Under/over voltage (2 output relays)	3-phase 3-wire, 173/240V L-L AC, 50/60Hz	
PVM-380/480	Under/over voltage (2 output relays)	3-phase 3-wire, 380/480V L-L AC, 50/60Hz	
PVV/X-100/120	Under voltage	3-phase 4-wire, 57.7/69.3V L-N (100/120V L-L) AC, 50/60Hz	
PVV/X-173/240	Under voltage	3-phase 4-wire, 100/139V L-N (173/240V L-L) AC, 50/60Hz	
PVV/X-380/480	Under voltage (2 output relays)	3-phase 4-wire, 220/277V L-N (380/480V L-L) AC, 50/60Hz	
PVP/S-100/120	Over voltage	3-phase 4-wire, 57.7/69.3V L-N (100/120V L-L) AC, 50/60Hz	
PVP/S-173/240	Over voltage	3-phase 4-wire, 100/139V L-N (173/240V L-L) AC, 50/60Hz	
PVP/S-380/480	Over voltage (2 output relays)	3-phase 4-wire, 220/277V L-N (380/480V L-L) AC, 50/60Hz	
PVE-100/120	Under/over voltage (2 output relays)	3-phase 4-wire, 57.7/69.3V L-N (100/120V L-L) AC, 50/60Hz	
PVE-173/240	Under/over voltage (2 output relays)	3-phase 4-wire, 100/139V L-N (173/240V L-L) AC, 50/60Hz	
PVE-380/480	Under/over voltage (2 output relays)	3-phase 4-wire, 220/277V L-N (380/480V L-L) AC, 50/60Hz	
Frequency with adjustable differential and time delay			12-13
PHD-100/120	Under/over frequency (2 relays)	Single-phase, 57.7/69.3V L-N AC (50, 60 and 400Hz)	
PHD-173/240	Under/over frequency (2 relays)	Single-phase, 100/139V L-N AC (50, 60 and 400Hz)	
PHD-380/480	Under/over frequency (2 relays)	Single-phase, 220/277V L-N AC (50, 60 and 400Hz)	
PHD-280/860	Under/over frequency (2 relays)	Single-phase, 161/500V L-N AC (50, 60 and 400Hz)	
Phase sequence and phase failure			14-15
PVR3-100/120	Phase sequence under voltage	3-phase 3-wire, 100/120V L-L AC, 50/60Hz	
PVR3-173/240	Phase sequence under voltage	3-phase 3-wire, 173/240V L-L AC, 50/60Hz	
PVR3-380/480	Phase sequence under voltage (2 output relays)	3-phase 3-wire, 380/480V L-L AC, 50/60Hz	
PVR4-100/120	Phase sequence under voltage	3-phase 3-wire, 100/120V L-L AC, 50/60Hz	
PVR4-173/240	Phase sequence under voltage	3-phase 3-wire, 173/240V L-L AC, 50/60Hz	
PVR4-380/480	Phase sequence under voltage (2 output relays)	3-phase 3-wire, 380/480V L-L AC, 50/60Hz	
Phase balance and under voltage relay with adjustable time delay and unbalance			16-17
PSF/G3-100/120	Phase loss, unbalanced and under voltage	3-phase 3-wire, 100/120V L-L AC, 50/60Hz	
PSF/G3-173/240	Phase loss, unbalanced and under voltage	3-phase 3-wire, 173/240V L-L AC, 50/60Hz	
PSF/G3-380/480	Phase loss, unbalanced and under voltage	3-phase 3-wire, 380/480V L-L AC, 50/60Hz	
PSF/G4-100/120	Phase loss, unbalanced and under voltage	3-phase 4-wire, 57.7/69.3V L-N (100/120V L-L) AC, 50/60Hz	
PSF/G4-173/240	Phase loss, unbalanced and under voltage	3-phase 4-wire, 100/139V L-N (173/240V L-L) AC, 50/60Hz	
PSF/G4-380/480	Phase loss, unbalanced and under voltage	3-phase 4-wire, 220/277V L-N (380/480V L-L) AC, 50/60Hz	