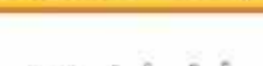
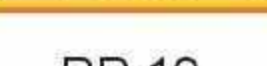


Note: UPAC also supplies Star-Delta Starters

Thermal Overload Relays

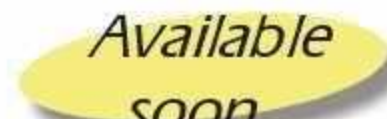
Temperature compensated and differential overload relays, with 1 N/O + 1 N/C electrically separated auxiliary contacts.

Combination of Overload Relay and Current Transformer

Catalogue number	RHN-10/ *		RHN-80/ *		RHN-80/ P (Separate Mounting Type)		RHN-80/ 5 · RHN-180/ 1	RHN-180/ 2	RHN-180/ 3	RHN-10/ + RP-10 + CT		
Relay current range (A) Complying with IEC 60947-4-1		0.3~0.45 (0.45) 0.45~0.67 (0.67) 0.67~1.0 (1) 1.0~1.5 (1.5) 1.4~2.1 (2.1) 1.8~2.7(2.7) 2.4~3.6 (3.6)	3.5~5.0 (5) 4.0~6.0 (6) 5.5~8.5 (8.5) 8.5~12.5 (12.5) 12.5~18 (18) 17~24 (24) 22~30 (30)		17~25 (25) 23~32 (32) 30~40 (40) 37~50 (50) 48~65 (65) 63~80 (80) 77~97 (97)		17~25 (25) 23~32 (32) 30~40 (40) 37~50 (50) 48~65 (65) 63~80 (80) 77~97 (97)					 +  + 
	45x70.5x72 / 0.1  48.5x69x78.5	RP-10(Separate Mounting KIT for RHN-10)		56x78x97.5 / 0.41	56x82x104 / 0.4	56x118.5x97.5 / 0.4	100x102x105 / 0.72	100x102x105 / 0.72	100x135x105 / 0.72	IC-35 Current Transformers 100/5A, 120/5A, 250/5A, 300/5A, 400/5A, 500/5A		

Note : RHN-10/□A : 3 pole differential type; RHN-10/□M : 3 pole non-differential type; RHN-10/□K : 2 pole non-differential type. □ : current range

Accessories

Catalogue number	CUA-2 ☐ ☐				CUA-4 ☐ ☐		
Top-mounting Auxiliary contact blocks Complying with IEC 60947-5-1 UL 508 CSA 22.2	 24x46x34.1		CUA-211 1 N/O + 1 N/C CUA-220 2 N/O CUA-202 2 N/C		 44.5x46x34.1	CUA-404 4 N/C CUA-413 1 N/O + 3 N/C CUA-440 4 N/O CUA-422 2 N/O + 2 N/C CUA-431 3 N/O + 1 N/C	N/A
Catalogue number	CNA-111SR						CNA-111BC
Side-mounting Auxiliary contact blocks Complying with IEC 60947-5-1 UL 508 CSA 22.2	 12x65x70.3		Side-mounting 1 N/O + 1 N/C		N/A		 12.4x76x51 Side-mounting 1 N/O + 1 N/C
Catalogue number	CI-18	CNI-18	CI-18	CI-35		CNI-100	
Mechanical interlock	 10x42x50 Side-mounting	 10x62x47.9 Side-mounting with 2 N/C	 10x42x50 Side-mounting	 10x42x50 Side-mounting		 12.4x66x66 Side-mounting	
Catalogue number	CNE-1 ☐				CNE-1 ☐		
Coil drive unit CNE-1 are suitable for AC/DC operation except those identified with "DC only" note.	 45x44.2x43 ☐ : B / 22-24V C / 45-50V E / 100-120V H / 200-240V		 ☐ : B / 22-24V (DC only) C / 45-50V E / 100-120V H / 200-240V		 45x44.2x43 ☐ : B / 22-24V (DC only) C / 45-50V E / 100-120V H / 200-240V		Contactors with built-in coil drive unit : CN- ☐ ☐ ☐ WC 45-50V CN- ☐ ☐ ☐ WE 100-120V CN- ☐ ☐ ☐ WH 200-240V ☐ ☐ ☐ : Basic model 100/125/150/180/220/300
Catalogue number	CSS-1 ☐ (RC) CSS-2 ☐ (VARISTOR)						
Coil surge suppressor CSS-1 ☐ RC type CSS-2 ☐ Varistor Type	 35x29x24.7		☐ : B / 22-24V C / 45-50V E / 100-125V H / 200-240V O / 380-440V				N/A