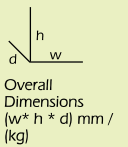


# H Series Magnetic Starters with Push button



Catalogue number	IP 40		HUEB-11			HUEB-16			HUB-18			HUB-22			HUB-32R			HUB-40		
	IP 42		HUPB-11			HUPB-16			HUPB-18			HUPB-22			—			—		
	IP 65		HUFB-11			HUFB-16			HUFB-18			HUFB-22			—			—		
Rated Insulation Voltage (Ui) IEC			690			690			1000			1000			1000			1000		
Rated Operational Voltage (Ue) IEC			690			690			690			690			690			690		
Thermal Current (Ith) IEC/UL			25/24			25/32			35/35			40/40			60/55			60/60		
			A	kW	Hp	A	kW	Hp	A	kW	Hp	A	kW	Hp	A	kW	Hp	A	kW	Hp
Rated Power Capacities (Ie) AC3 IEC 60947-4-1	Single	110V	10.5	0.55	0.75	13.5	0.75	1	19.5	1.1	1.5	25.5	1.5	2	35	1.5	2	43	2.2	3
		220V	10.5	1.1	1.5	14	1.5	2	20.5	2.2	3	26	3	4	35	3.7	5	43	5.5	7.5
	Three phase	220V	12	3	4	16	4	5.5	23	5.5	7.5	27	7.5	10	35	9	12	44	11	15
		380V	12	5.5	7.5	16	7.5	10	22	11	15	26	11	15	32	15	20	40	20	27
		415V	11	5.5	7.5	15	7.5	10	21	11	15	21	11	15	32	15	20	40	22	30
		440V	11	5.5	7.5	15	7.5	10	21	11	15	21	11	15	32	15	20	40	22	30
		500V	9	5.5	7.5	13	7.5	10	19	11	15	19	11	15	30	18.5	25	35	22	30
		660V	7	5.5	7.5	10	7.5	10	14	11	15	14	11	15	23	18.5	25	26	22	30
690V	7	5.5	7.5	10	7.5	10	14	11	15	14	11	15	22	18.5	25	26	22	30		
Rated Power Capacities (Ie) AC3 UL 508	Single	110-120V	16	—	1	20	—	1.5	24	—	2	24	—	2	24	—	2	34	—	3
		220-240V	12	—	2	17	—	3	17	—	3	28	—	5	38	—	5	40	—	7.5
	Three phase	200/208V	18	—	5	18	—	5	26	—	7.5	26	—	7.5	25.3	—	7.5	49	—	15
		220-240V	15.2	—	5	15.2	—	5	22	—	7.5	28	—	10	28	—	10	42	—	15
		440-480V	11	—	7.5	14	—	10	21	—	15	27	—	20	27	—	20	40	—	30
		550-600V	11	—	10	11	—	10	17	—	15	22	—	20	27	—	30	41	—	40
For use with bimetallic overload relays			RHU-10/□1			RHU-10/□1			RHU-10/□1			RHU10/□1			RHU-10/□2			RHU80/□2		
For use with contactors			CU-11			CU-16			CU-18			CU-22			CU-32R			CU-40		
Contact Configuration			3A1a or 3A1b						3A1a 1b											
Electrical Durability (ops)			1M						1M											
Mechanical Durability (ops)			5M						5M											
 Overall Dimensions (w* h * d) mm / (kg)	IP 40		88*160*107.5 / 0.9						100*170.6*117.3 / 2.0						130*240*136 / 2.0			130*240*136 / 2.0		
	IP 42		90*184*112 / 0.9						100*194*122.5 / 0.9						—			—		
	IP 65																			

# H Series Magnetic Starters with Push button

Catalogue number	IP 40		HUB-50			HUB-65			HUB-80			HUB-90		
	IP 42		—			—			—			—		
	IP 65		—			—			—			—		
Rated Insulation Voltage (Ui) IEC V			1000			1000			1000			1000		
Rated Operational Voltage (Ue) IEC V			690			690			690			690		
Thermal Current (Ith) IEC/UL A			70/72			80/85			100/104			135/120		
			A	kW	Hp	A	kW	Hp	A	kW	Hp	A	kW	Hp
Rated Power Capacities (Ie) AC3 IEC 60947-4-1	Single	110V	48	3	4	60	4	5.5	60	4	5.5	—	—	—
		220V	48	6	8	60	7.5	10	55	7.5	10	—	—	—
	Three phase	220V	55	15	20	75	22	30	75	22	30	85	25	35
		380V	55	25	35	72	37	50	72	37	50	85	45	60
		415V	52	25	35	72	40	54	72	40	54	85	45	60
		440V	52	30	40	70	40	54	70	40	54	85	51	70
		500V	45	30	40	65	45	60	65	45	60	80	55	75
660V	35	30	40	60	45	60	60	45	60	65	55	75		
690V	35	30	40	60	45	60	60	45	60	65	55	75		
Rated Power Capacities (Ie) AC3 UL 508	Single	110-120V	56	—	5	80	—	7.5	80	—	7.5	80	—	7.5
		220-240V	50	—	10	68	—	15	68	—	15	68	—	15
	Three phase	200/208V	49	—	15	79	—	25	79	—	25	79	—	25
		220-240V	54	—	20	80	—	30	80	—	30	80	—	30
		440-480V	52	—	40	77	—	60	77	—	60	77	—	60
550-600V	52	—	50	62	—	60	62	—	60	77	—	75		
For use with bimetallic overload relays			RHU-80/□3			RHU-80/□3			RHU-80/□3			RHU-80/□3		
For use with contactors			CU-50			CU-65			CU-80			CU-90		
Contact Configuration			3A1a 1b						3A2a 2b					
Electrical Durability (ops)			1M						1M					
Mechanical Durability (ops)			5M						5M					
 Overall Dimensions (w* h * d) mm / (kg)	IP 40	170*330*154 / 3.5						170*330*154 / 3.5						
	IP 42	—						—						
	IP 65	—						—						