

HDP6 Motor Circuit Breaker Accessories

อุปกรณ์เสริมสำหรับมอเตอร์เซอร์คิตเบรกเกอร์ รุ่น HDP6

HLMK Series Current Transformer

หม้อแปลงกระแสไฟฟ้า รุ่น HLMK

Accessories
Standard: IEC 60947-1, IEC 60947-2, IEC 60947-4-1

HLMK Series Current Transformer

Name	Type	Spec	Cat. No.	Price
Undervoltage Release	HAU	110-115V,50Hz;110-127V,60Hz	HAU110	●
		220-240V,50/60Hz	HAU220	●
		380-400V,50Hz;380-440V,60Hz	HAU380	●
		415V,50/60Hz	HAU415	●
Shunt Release	HAS	110-115V,50Hz;110-127V,60Hz	HAS110	●
		220-240V,50/60Hz	HAS220	●
		380-400V,50Hz;380-440V,60Hz	HAS380	●
		415V,50/60Hz	HAS415	●
Auxiliary Contact Top	HAE	2NO	HAE20	●
		1NC+1NO	HAE11	85.-
		2NO	HAN20	●
Side	HAN	2NO	HAN20	●
		1NC+1NO	HAN11	400.-
Waterproof Cover	HDP6-32MC	IP55	HDP632MC	450.-

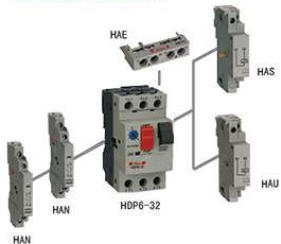
Parameters of instantaneous auxiliary contact

Name	Rated Insulation Voltage Ui	Utilization Category	Rated Operating Voltage	Rated Operating Current	Conventional Thermal Current
Top Auxiliary Contact	250V	AC-15	24V	2A	2.5A
			48V	1.25A	2.5A
			110V	1A	2.5A
			230V	0.5A	2.5A
		DC-13	24V	1A	2.5A
			48V	0.3A	2.5A
			48V	6A	6A
			110V	4.5A	6A
Side Auxiliary Contact	690V	AC-15	230V	3.3A	6A
			380V	2.2A	6A
			24V	6A	6A
			48V	5A	6A
		DC-13	220V	0.5A	6A

Installation of HAE11 or HAE20

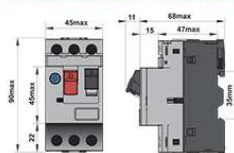


Accessories Installation



Type	Name	Installation Position	The largest installed Qty.
HAE	Top Auxiliary Contact	Face-up	1
HAN	Side Auxiliary Contact	Left Side	2
HAU	Undervoltage Release	Right Side	1
HAS	Shunt Release	Right Side	1

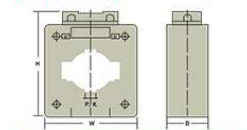
Overall Dimension for Installation



CT (Current Transformer)

คืออุปกรณ์ สำหรับแปลงค่ากระแสไฟฟ้าจากกระแสไฟฟ้ากระแสแรงสูง (primary current : Ip) เป็นกระแสต่ำ (Secondary Current : Is) ซึ่งมีค่าตั้งแต่ 0 ถึง 5A โดยขึ้นอยู่กับสัดส่วนของกระแสที่วัดได้ทางด้าน Ip อุปกรณ์ชนิดนี้ถูกนำไปใช้ร่วมกับเครื่องมือวัดทางไฟฟ้า เช่น Amp Meter, Kilowatt-hour Meter, Meters, Control Relay

Overall Dimensions



Model	H	W	D
HLMK-0.66-30	79	60	37
HLMK-0.66-40	99	75	40
HLMK-0.66-50	99	82	40
HLMK-0.66-60	126	102	40
HLMK-0.66-80	118	125	40
HLMK-0.66-100	138	170	40
HLMK-0.66-120	136	190	41

Technical Data
Rated primary current: 30A-5000A
Rated secondary current: 5A
Maximum rated voltage: 0.66kV
Accuracy class: 0.5
Short time thermal current: Ith=100Ih
Security coefficient security coefficient: FS<5
Standard: IEC 60044-1



Accuracy class : 0.5

Cat. No.	Model	Rated Current Primary /Secondary (A)	Rated Load (VA)	Busbar	Diameter (mm.)	No. of Turns through the core	Packing	Price
HLMKP65030	HLMK-0.66-30	50/5	5-3.75	-	20	3	12/64	325.-
HLMKP610030	HLMK-0.66-30	100/5	5-3.75	-	20	2	12/64	325.-
HLMKP615030	HLMK-0.66-30	150/5	5-3.75	30x10	20	1	12/64	325.-
HLMKP620030	HLMK-0.66-30	200/5	5-3.75	30x10	20	1	12/48	325.-
HLMKP625040	HLMK-0.66-40	250/5	5-3.75	40x10	30	1	12/48	425.-
HLMKP630050	HLMK-0.66-50	300/5	5-3.75	50x15	35	1	12/48	625.-
HLMKP640050	HLMK-0.66-50	400/5	5-3.75	50x15	35	1	12/48	625.-
HLMKP650050	HLMK-0.66-50	500/5	5-3.75	50x15	35	1	12/48	625.-
HLMKP660060	HLMK-0.66-60	600/5	10-3.75	60x20	45	1	12/48	675.-
HLMKP6800100	HLMK-0.66-100	800/5	10-3.75	100x30 or 60x40	60	1	12/18	975.-
HLMKP61000100	HLMK-0.66-100	1000/5	10-3.75	100x30 or 60x40	60	1	12/18	975.-
HLMKP61500120	HLMK-0.66-120	1500/5	15-3.75	120x25 or 80x30	60	1	12/18	1,200.-
HLMKP62000120	HLMK-0.66-120	2000/5	15-3.75	120x25 or 80x30	60	1	12/18	1,350.-
HLMKP62500120	HLMK-0.66-120	2500/5	15-3.75	120x25 or 80x30	60	1	12/18	1,500.-
HLMKP63000120	HLMK-0.66-120	3000/5	20-3.75	120x25 or 80x30	60	1	12/18	2,350.-
HLMKP64000120	HLMK-0.66-120	4000/5	20-3.75	120x25 or 80x30	60	1	12/18	2,500.-
HLMKP65000120	HLMK-0.66-120	5000/5	20-3.75	120x25 or 80x30	60	1	12/14	3,200.-