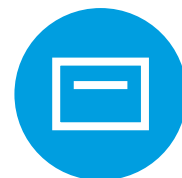


## HOUR METERS HK46, HK 47, HK 48, HK 49, HK 30



Hour meters show operation time of machines, equipment and other devices. When you need accurate information for testing, maintenance or warranty purposes, choose from a wide range of HK hour meters produced by Iskra MIS. AC applications: business machines, control panels, compressors, generators, pumps, air conditioning DC applications: garden and farm equipment, Gen-sets, construction equipment.



HK 46



HK 47



HK 48, HK 49



HK 30

		HK 46	HK 47	HK 48, HK 49	HK 30
Voltages	AC	24 V, 48 V, 60 V, 110 V, 120 V, 230 V, 240 V, 400 V (±10%)	24 V, 48 V, 60 V, 110 V, 120 V, 230 V, 240 V, 400 V (±10%)	24 V, 48 V, 60 V, 110 V, 120 V, 230 V, 240 V, 400 V (±10%)	24 V, 48 V, 60 V, 110 V, 120 V, 230 V, 240 V, 400 V (±10%)
Frequency		50 Hz, 60 Hz	50 Hz, 60 Hz	50 Hz, 60 Hz	50 Hz, 60 Hz
Counting range		99999.99 h	99999.99 h	99999.99 h	99999.99 h
Number of digits		5 integers, 2 decimals	5 integers, 2 decimals	5 integers, 2 decimals	5 integers, 2 decimals
Operating temperature		-25 °C ... +80 °C	-25 °C ... +80 °C	-25 °C ... +80 °C	-25 °C ... +70 °C
Voltages	DC	6-30 V, 10-80 V, 110 V (±10%)	6-30 V, 10-80 V, 110V (±10%)	6-30 V, 10-80 V, 110 V (±10%)	6-12 V, 12-36 V, 36-80 V, 110 V (±10%)
Counting range		999999.9 h	999999.9 h	999999.9 h	999999.9 h
Number of digits		6 integers, 1 decimal	6 integers, 1 decimal	6 integers, 1 decimal	6 integers, 1 decimal
Operating temperature			-20 °C ... +70 °C	-20 °C ... +70 °C	-20 °C ... +70 °C

	HK 46	HK 47	HK 48, HK 49	HK 30
Protection	IP40, front side	IP65, front side	IP40, front side	IP40, front side
	IP20, terminals	IP00, terminals	IP00, terminals	IP20, terminals
Front dimensions	48 x 48 mm	Ø 58 mm	HK 487 x 72 mm - HK 49 96 x 96 mm	36 x 24 mm
Adapter frames	52x52, 55x55, 72x72, Ø 80 mm	Ø 72 mm, Ø 80 mm		48 x 24, 54 x 29, 48 x 48, 55 x 55, Ø 72 x 72 mm 52 mm in Ø 72 mm
Special protection	IP65, front side IP20, terminals	IP67, front side IP00, terminals	IP20, terminals	IP65 front side (transparent housing), IP00 terminals
Approval	UL	UL	UL	CE mark, UL recognized
Connection	plug 6.3 x 0.8 mm with screw plug 6.3 x 0.8 mm screw terminals	plug 6.3 x 0.8 mm with screw plug 6.3 x 0.8 mm	screw terminals	plug 6.3 x 0.8 mm with screw plug 6.3 x 0.8 mm screw terminals for mounting D

		HK 46	HK 47
Mounting	Tip	HK 46 CUTOUT	HK 47 CUTOUT
aluminium clamp	A	45 x 45 mm, chamfer edge Ø 51 mm, 45 mm	Ø 50 mm
retainer	G	45 x 45 mm, chamfer edge Ø 51 mm, 45 mm	
DIN-rail	D	UL	
snap fastener	F		
Antivibration rubber, ø 80 mm	C		Ø 71 mm
3- screw front mounting ø 72 mm	H	screw terminals	Ø 51 mm

		HK 48, HK 49	HK 30
Mounting	Tip	HK 48, HK 49 CUTOUT	HK 30 CUTOUT
retainer mount	G		32 x 32 mm
DIN rail to DIN EN 50022	D		Ø 50 mm
3-screw front mounting Ø 72 mm	H		min. Ø 50 mm
two fixing screws		HK48: 68 mm HK49: 92 mm	