



Supplier of Control Instrumentation to the South African Electrical Industry

## HOUR METERS HK 46, 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
AC	Voltages	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
DC	Voltages	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	-10 °C ... +55 °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 48 72 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	HK 48, HK 49	HK 30
Mounting	Tip	HK 46 CUTOUT	HK 47 CUTOUT	HK 48, HK 49 CUTOUT	HK 30 CUTOUT
aluminium clamp	A	4  , chamfer edge Ø 45 mm	Ø  mm		
retainer	G	45 x 45 mm, chamfer edge Ø 45 mm			32 x 32 mm
DIN-rail	D				Ø 50 mm
snap fastener	F				min. Ø 50 mm
Antivibration rubber, ø 80 mm	C		Ø  mm		
3- screw front mounting ø 72 mm	H	screw terminals	Ø  mm	HK48: 68 mm HK49: 92 mm	