



# DEIF A/S

# Type certificate

4124010008B

Type: HC48 Running hour's counters.

### Technical specifications

Operating temperature:	AC measuring voltage: -25...70°C DC measuring voltage: -20...55°C
* Supply Voltage:	AC: 24V~, 110V~, 230V~, 400V~.(+/-10%) DC: 10 – 48V, 110V. (+/-10%)
* Mains frequency:	AC: 50/60Hz

### Type test specifications

### Tested according to:

Temperature:	AC:-25....70°C (operating) DC:-20....55°C (operating) All: -40....70°C(storage)	IEC 60068-2-1 IEC 60068-2-1 IEC 60068-2-2
Reading Accuracy:	AC: 1/100 hour (36) sec.) DC: 1/10 hour (6 min.)	
Vibration:	3...13.2Hz: 2mm <sub>pp</sub> 13.2...100Hz: 0.7g	IEC 60068-2-6 & IACS UR E10
Safety:	Installation Cat.III 600V Pollution degree 2	EN 61010-1 tested at 50Hz, 1 min Each galvanic group tested to other Galvanic groups and to protection Earth.
EMC:		EN 61000-6-1/2/3/4
Materials:	Plastic	
Protection:	AC and DC version: Front: IP40 Special version: IP65 (only mounting aluminium clamp A and no frame)	IEC/EN 60529

\*) Tested on all units according to specifications. Remaining specifications are tested regularly by test sampling



-power in control-

DEIF A/S  
Frisenborgvej 33  
DK-7800 Skive  
Denmark  
+45 9614 9614

DEIF A/S  
Frisenborgvej 33  
DK-7800 Skive  
Denmark

Date: 2011-01-03



DEIF A/S  
Frisenborgvej 33  
DK-7800 Skive

Martin S. Mallan  
Type Test Manager