

Type Delomatic Multi-function System

Technical specifications

Meas. range (U_n):	Max. 690 VAC direct. Other ranges via voltage transformer ../100 or ../110V AC Burden: Max. 0.5VA/phase Overload: 2 x U _n for 10 s. External fuse: Max. 2A slow-blow
Meas. range (I_n):	Current transformer ../1 or ../5A AC Burden: Max. 0.4VA/phase Overload: 10A cont. < 75A for 10 s. < 300A for 1 s.
Meas. range (f_n):	40....70Hz
Accuracy:	Class 1 acc. to IEC 688.
Harmonics:	Up to 500Hz are measured.
Galvanic separation AC inputs:	2.5kV / 2.0kV / 1.0kV according to GL, LR and DNV.
Binary inputs:	Galvanically separated contacts. ON detection max. resistance 250Ω
Cable supervision, binary inputs:	6.9kΩ resistor across contacts.
Analog inputs:	0(2)...10V DC Impedance 15kΩ 0(4)...20 mA Impedance 50.0Ω
Accuracy, analog inputs:	Class 1 according to IEC688
Binary outputs:	Relay. Contact rating 250V, 5A AC, 1A (DC).
Galvanic separation, analog/binary inputs:	1.0kV - 50Hz - 1 min. according to GL, LR and DNV.
Analog outputs (AOM-1 module):	+/- 20mA +/- 10V DC 0(4)...20mA 0(2)...10V DC
Galvanic separation, analog outputs:	2.0kV - 50Hz - 1 min. according to GL, LR and DNV.
Analog outputs, control panel:	16 x 0...1mA pulse width modulated, multiplexed.
Galvanic separation, control panel:	1.0/2.0kV - 50Hz - 1 min. according to GL, LR and DNV.
Power supply:	24V DC +30%, -25% incl. peak-peak ripple, max. 32V DC. Power consumption dependent on DGU configuration. External fuse max. 6A slow-blow.

**Galvanic separation,
power supply:** 1kV – 50Hz – 1 min. according to GL,
LR and DNV.

Flamability All plastic parts are self-extinguishing
according to UL94-VO

Temperature: Reference: +15...+30°C
Nominal: -10...+50°C
Operational: -25...+70°C
Storage: -40...+70°C

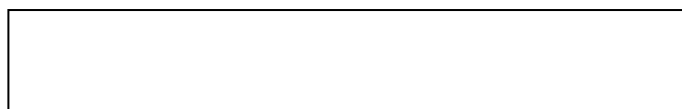
Climate: Class HSE according to DIN40040.

Protection: IP20, modules mounted in a DGU rack
and CP rear.
IP52, CP front.

Type approval: The system, both hard-ware and soft-
ware, is approved by the major
classification societies. For current
approvals see www.deif.com or contact
DEIF A/S.

Spare part

Due to our continuous development we reserve the right to
supply equipment which may vary from the described.



DEIF A/S, Frisenborgvej 33
DK-7800 Skive, Denmark

Tel.: +45 9614 9614, Fax: +45 9614 9615
E-mail: deif@deif.com, URL: www.deif.com

