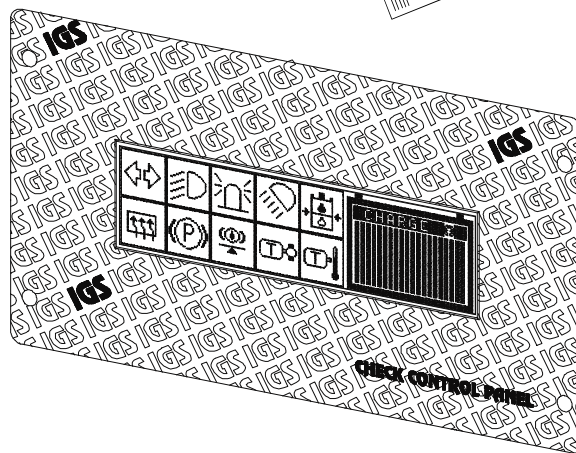




elektrosistem



INTELLIGENT GRAPHIC SYSTEM "IGS"



The IGS (Intelligent Graphic System) represents the newest stage in the evolution of data display systems and the definitive overcoming of the traditional dashboard.

The microprocessor technology combined with the great versatility of a graphic display makes this unit one of the most efficient control systems that enables the operator to constantly monitor the functioning of his vehicle. The innovation of the system consists in the

introduction of an "intelligent dashboard" which acts as a real control unit ensuring a number of different applications, as single instrument, as graphic interface and integral part of the MOS microprocessor logic.

Actually, the IGS display gives its highest performance when used with the chopper unit, representing a constant and precise control device that can be personalized according to the specific operator's requirements.

Versatility is the secret of the IGS unit which has been conceived as a graphic "blackboard" made up of thousands of points with a resolution lower than 0.5 mm that offers numberless drawing possibilities and a complete layout personalization.

As a real display terminal it can be used even for anomalies signalling and trouble shooting.

MAIN FEATURES

- Microprocessor aided control unit
- Graphic display: 256x64 dot
- Graphic resolution: 0.44 mm
- Graphic area dimensions: mm 120 x 30
- Back lighting
- Total graphic and operation personalization
- Interface with MOS IMC microprocessor aided control unit through a simple serial connection
- Input for programming keyboard
- Output with relay for hydraulic function block
- Signalling buzzer

CONFIGURATION

Display

- Hourmeter indication / enabling
- Battery charge percentage indication with "reserve" signalling when charge goes beyond a pre-set threshold that can be fixed according to personal requirements (ex. 10%)
- Graphic display of the different functions (lights, enabled running control, hand brake, etc.) and anomaly conditions (worn-out brushes, overheating, brake damage, etc.)
- Display of the stored maintenance program according to hourmeter indication

Display + Chopper

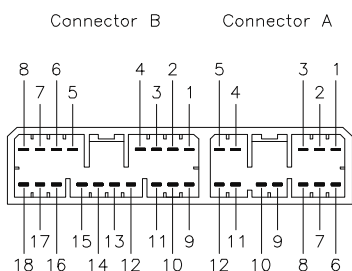
- Adjustment and check of the chopper working parameters
- Detailed and precise report of dangerous and malfunctioning situations
- Operation values tester

~~NEWS~~

TECHNICAL FEATURES

- Battery values: 48V - 60V - 72V - 80V - 96V (and on request any value ranging from 24V to 144V)
- Ambient temperature: 0°C +40°C
- Humidity: 90% at 25°C

CONNECTIONS



CONNECTOR A	
1A	- VB
2A	Relay for lifting block
3A	-
4A	Traction motor brushes wear
5A	Pump motor brushes wear
6A	+VB
7A	N.C. contact for lifting block relay
8A	N.O. contact for lifting block relay
9A	-
10A	-
11A	Clogged oil filter
12A	Heated rear window

CONNECTOR B	
1B	Brake liquid level
2B	Direction indicators
3B	Dimmers
4B	Oil level
5B	-TXD Serial transmission
6B	+TXD Serial transmission
7B	- RXD Serial reception or diagnostic led signal input
8B	+ RXD serial reception or diagnostic led signal input
9B	Hand brake
10B	Brake failure*
11B	Running lights
12B	Additional light
13B	Flash light
14B	Pump motor overheating*
15B	Traction motor overheating*
16B	Hourmeter enabling
17B	-
18B	-

IMPORTANT !!! Do not connect free pins, this may damage the equipment.

* Inverted logic

SIZE AND FIXING HOLES

