RDP-110C Remote Display Panel

Overview

The RDP-110C allows DGC (Digital Genset Controller) users to easily meet the annunciation requirements of NFPA-110 applications. Simple integration to the genset control system provides alarm and pre-alarm indication and annunciation of system status.

Features

- Four programmable LEDs via BESTlogic™*Plus*
- Annunciation of 17 alarms and pre-alarms as detected by the DGC
- Audible alarm horn
- Lamp Test and Alarm Silence switches
- Power supply inputs for 12 Vdc and 24 Vdc (local to the RDP-110C)
- RS-485 communications reduces the number of interconnection wires to four
- Two mounting configurations
- Conduit box included
- Designed for use in harsh environments

Benefits

- Easy customization of alarm and pre-alarm LEDs (two each), allowing adaptation to various applications while maintaining NFPA-110 requirements.
- Selection of 12 Vdc and 24 Vdc power supply inputs are standard, enhancing compatibility with virtually any system while reducing inventory.
- Two mounting configurations, surface and semi-flush, are available for easy adaptation to installation requirements.
- Rugged construction makes the RDP-110C the optimal choice for harsh environments.

Figure 1 - RDP-110C Front Panel

RDP-110C Remote Display Panel

Specifications

Power Supply

Nominal: 8 to 32 Vdc
Burden: 2 W

Communication

RS-485: Digital Genset Controller Interface

Environmental

Operating Temp: -40°C to 70°C (-40°F to 158°F)
Storage Temp: -40°C to 85°C (-40°F to 185°F)
Vibration: From 10 to 500 Hz, 2 G in each of three mutually perpendicular planes, for a total of 15 sweeps, 12 minutes each sweep
Shock: 15 G in each of three perpendicular planes
Dielectric Strength:
500 Vdc for 1 minute between chassis ground and the circuit grouping of the control power and RS-485 terminals.
Radio Frequency Interference:
Type tested using a 5 W, handheld transceiver operating at random frequencies centered around 144 MHz and 440 MHz with the antenna located within 6 inches (15 cm) of the device in both vertical and horizontal planes.

Agency/Certifications

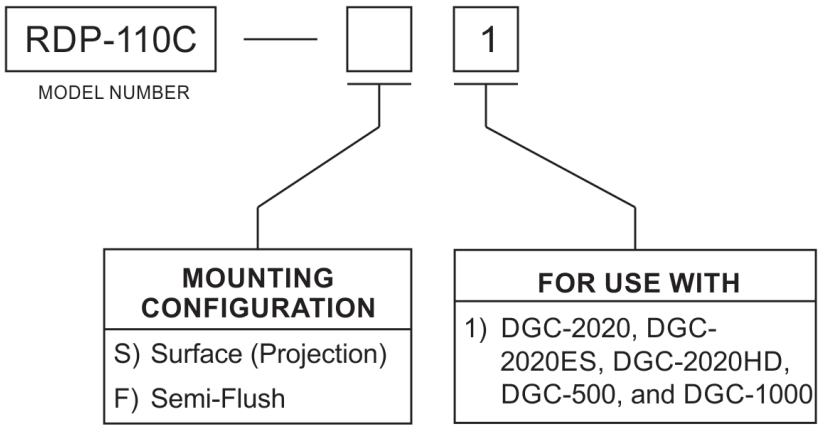
UL recognized

Physical

Weight:
F1 Style: 2.3 lb (1.04 kg)
S1 Style: 2.75 lb (1.25 kg)
Dimensions (WxHxD): 6.00 x 6.00 x 4.50 inches (152 x 152 x 114 mm)

For complete specifications, download the instruction manual at www.basler.com.

Style Chart



Related Products

DGC-2020 Digital Genset Controller
Provides genset and transfer switch control, metering, protection, and programmable logic in a simple, easy to use, reliable, rugged, and cost effective package.

DGC-2020ES Digital Genset Controller
Provides industry-leading value with an extensive level of functionality and flexibility for emergency and stand-alone generator set applications.

DGC-2020HD Digital Genset Controller
An advanced but rugged, genset control system designed for paralleling and complex load sharing schemes.

AEM-2020 Analog Expansion Module
Easily increase the functionality of the DGC-2020, DECS-250, and IEM-2020 by seamlessly adding analog inputs and outputs to their array of configurations.

CEM-2020 Contact Expansion Module
Seamlessly increase the number of contact inputs and outputs by adding the CEM-2020 to the DGC-2020, DGC-2020ES, DECS-250, or the IEM-2020.

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