

# DWB01CM4810A

Carlo Gavazzi Monitoring Relay 3 Phase Over/Under Power  
Factor Own Supply 380-480 AC 1 Contact



MONITORING RELAYS



|                |                                            |
|----------------|--------------------------------------------|
| Component type | Effective power (cos phi) monitoring relay |
| Range          | V//PH/PF Monitoring                        |
| Model          | N/A                                        |
| Alternative    | CALL FOR ALTERNATIVE                       |

The Carlo Gavazzi range of monitoring relays are designed for the detection of phase loss and incorrect phase sequence to over/under current and voltage. Suitable for use in a wide range of applications that require protection against people, fire, earth current leakage, or incorrect mains or cable connections. Installation is easy with front dials and DIP switches.

## ELECTRICAL

|                                            |                  |
|--------------------------------------------|------------------|
| Rated voltage                              | 380-480 V        |
| Measurement current                        | 0.5-5 A          |
| Current measuring range                    | 1-10 A           |
| External current transformer               | Yes              |
| Rated operation frequency                  | 45-65 Hz         |
| Number of phases                           | 3                |
| Adjustable setting value for Cos-Phi       | 0.1-0.99         |
| Number of contacts as change-over contact  | 1                |
| Rated operation current Ie                 | 8 A              |
| Rated operation current Ie at AC-15, 230 V | 2.5 A            |
| Rated operation current Ie at DC-12, 24 V  | 5 A              |
| Rated operation current Ie at DC-13, 24 V  | 2.5 A            |
| Min. adjustable delay-on energization time | 1 s              |
| Max. permitted delay-on energization time  | 30 s             |
| Voltage type for actuating                 | Self powered     |
| Over voltage category                      | III              |
| Type of electric connection                | Screw connection |

## CONSTRUCTION

|                                |                  |
|--------------------------------|------------------|
| Material contact               | Silver tin-oxide |
| Suitable for DIN rail mounting | Yes              |
| IP rating                      | IP20             |

## DIMENSIONS

|        |         |
|--------|---------|
| Width  | 45 mm   |
| Height | 83.5 mm |
| Depth  | 99.5 mm |
| Weight | 0.25    |

## ENVIRONMENT

|                     |             |
|---------------------|-------------|
| Rated temperature   | -20...60 °C |
| Storage temperature | -30...80 °C |

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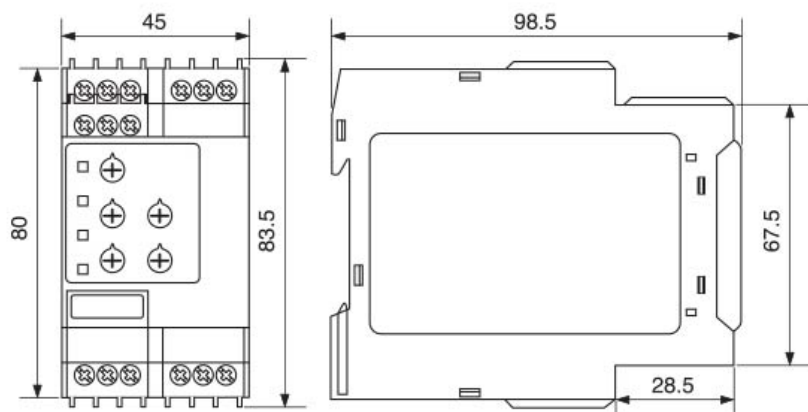
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## DIMENSIONAL DIAGRAM



Model  
DWB01