



DIGITAL INDICATORS

DIVERSE APPLICATIONS

Frequency Indicators

- Covers a wide range from 10 Hz to 90 Hz for stable system performance.
- Works with 240V AC and 110V AC, ensuring compatibility across industries.
- Essential for industrial automation, electric vehicle chargers, marine & aviation, production lines, and testing labs to ensure operational stability.



Temperature Indicators

- Measures from -50°C to 80°C with high accuracy.
- Supports NTC/Molded sensors with a 1-meter standard wire length for flexible installation.
- Designed with IP65 front protection, ideal for harsh industrial environments.



Voltage Indicators

- Measures 65V AC - 280V AC, 80V AC - 150V AC, and 10V DC - 26V DC, suitable for diverse applications.
- $\pm 1\%$ accuracy ensures reliable voltage readings, preventing electrical failures.
- Used in renewable energy, medical equipment, data centers, construction, and railway systems for stable power monitoring.



Current Indicators

- Supports 0A to 100A (with CT) or 0A to 12A for various electrical applications.
- Helps detect abnormal current levels to prevent equipment damage.
- Used in industrial motors, pumps & compressors, HVAC systems, elevators, and manufacturing plants to optimize energy efficiency and safety.



Technical Specifications

Voltage Indicators

1	Rated Supply Voltage	240 V AC / 110 V AC / 24 V DC
2	Operating Supply Voltage	65 V AC - 280 V AC / 80 V AC - 150 V DC - 26 V DC
3	Input Current	< 50 mA
4	Input Wattage	0.6 - 0.9 W / <1 W
5	Frequency	50/60 Hz
6	Indicating Voltage	65 V AC - 280 V AC / 80 V AC - 150 V DC - 26 V DC
7	Tolerance / Accuracy	± 1%
8	Surge Test	2 KV AS PER IEC 61000-4-5
9	HV Rating	2 KV AS PER IEC 60243
10	EFT	2KV
11	Rated Insulation Voltage	500 V AC @ 1MΩ
12	Display Type	7 Segment 3 digit
13	Electrical Life	20K under normal operating condition
14	Dimensions	63 x 28 mm
15	Weight	25 g
16	Degree of Protection	Above Panel: IP65 For Terminals: IP20
17	Mounting Details	Mounting on Panel, 22.5 Dia Hole
18	Connectors	2 Pin - screw terminal (<0.75 to 1 sq.mm wire)
19	Screw Tightning Torque	0.8Nm
20	Housing Colour	Black
21	Illuminating lens colour	Red/Yellow/Blue/Green/Amber/White
22	Operating temperature	-20°C TO 60°C
23	Storage temperature	-30°C TO 65°C
24	Air humidity	10% - 95%
25	Compliance	RoHS, CE



Technical Specifications

Current Indicators

1	Rated Supply Voltage	240 V AC / 110 V AC / 24 V DC
2	Operating Supply Voltage	70 V AC - 270 V AC / 80 V AC - 150 V DC - 26 V DC
3	Input Current	< 50 mA
4	Input Wattage	0.6 - 0.9 W / <1 W
5	Frequency	50/60 Hz
6	Current Indication Range	0A to 100A with CT for single phase / 0A to 12A
7	Tolerance Scope	± 1A
8	Surge Test	2 KV AS PER IEC 61000-4-5
9	HV Rating	2 KV AS PER IEC 60243
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3	Input Current	< 50 mA
4	Input Wattage	0.6 - 0.9 W / <1W
5	Frequency	50/60 Hz
6	Temperature Indication Range	-50°C TO 80°C
7	Tolerance Scope	± ° 1
8	Sensor Type	NTC/ Molded
9	Sensor Wire Length	1 meter std
10	Surge Test	2 KV AS PER IEC 61000-4-5
11	HV Rating	2 KV AS PER IEC 60243
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Technical Specifications

Frequency indicators

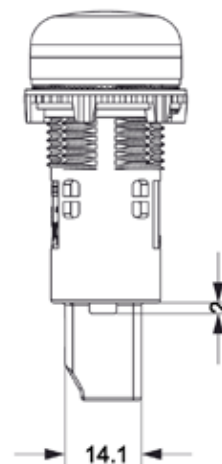
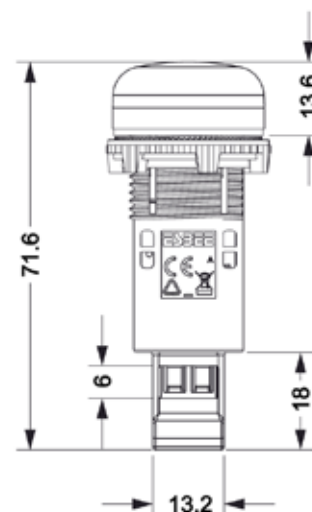
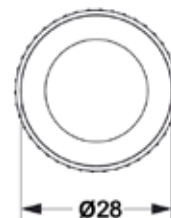
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4	Input Wattage	0.6 - 0.9 W / <1 W
5	Tolerance Scope	± 1 Hz
6	Frequency Sensing Range	10 Hz to 90 Hz
7	Surge Test	2 KV AS PER IEC 61000-4-5
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PRODUCT ORDERING INFORMATION

Current Indicator 240VAC	
ECAA240A01	CURRENT INDICATOR AMBER 70-240V AC ; 0-12A / 0-100A with CT
ECAB240A01	CURRENT INDICATOR BLUE 70-240VAC ; 0-12A / 0-100A with CT
ECAC240A01	CURRENT INDICATOR CLEAR 70-240VAC ; 0-12A / 0-100A with CT
ECAG240A01	CURRENT INDICATOR GREEN 70-240VAC ; 0-12A / 0-100A with CT
ECAA240A01	CURRENT INDICATOR RED 70-240VAC ; 0-12A / 0-100A with CT
ECAC240A01	CURRENT INDICATOR YELLOW 70-240VAC ; 0-12A / 0-100A with CT
Frequency Indicator 240VAC	
EFAA240A01	FREQUENCY INDICATOR AMBER 70-240VAC; 10-90HZ
EFAY240A01	FREQUENCY INDICATOR BLUE 70-240VAC; 10-90HZ
EFAC240A01	FREQUENCY INDICATOR CLEAR 70-240VAC; 10-90HZ
EFAG240A01	FREQUENCY INDICATOR GREEN 70-240VAC; 10-90HZ
EFAR240A01	FREQUENCY INDICATOR RED 70-240VAC; 10-90HZ
EFAY240A01	FREQUENCY INDICATOR YELLOW 70-240VAC; 10-90HZ
Temperature Indicator 24VDC	
ETAA024D01	TEMPERATURE INDICATOR AMBER 24VDC; -50 to +80 C
ETAB024D01	TEMPERATURE INDICATOR BLUE 24VDC; -50 to +80 C
ETAC024D01	TEMPERATURE INDICATOR CLEAR 24VDC; -50 to +80C
ETAG024D01	TEMPERATURE INDICATOR GREEN 24VDC; -50 to +80 C
ETAR024D01	TEMPERATURE INDICATOR RED 24VDC; -50 to +80 C
ETAY024D01	TEMPERATURE INDICATOR YELLOW 24VDC; -50 to +80 C
Temperature Indicator 240VAC	
ETAA240A01	TEMPERATURE INDICATOR AMBER 70-240VAC; -50 to +80 C
ETAB240A01	TEMPERATURE INDICATOR BLUE 70-240VAC; -50 to +80C
ETAC240A01	TEMPERATURE INDICATOR CLEAR 70-240VAC; -50 to +80 C
ETAG240A01	TEMPERATURE INDICATOR GREEN 70-240VAC; -50 to +80 C
ETAR240A01	TEMPERATURE INDICATOR RED 70-240VAC; -50 to +80 C
ETAY240A01	TEMPERATURE INDICATOR YELLOW 70-240VAC; -50 to +80 C
Voltage Indicator 24VDC	
EVAA024D01	VOLTAGE INDICATOR AMBER; 10-26VDC
EVAB024D01	VOLTAGE INDICATOR BLUE; 10-26VDC
EVAC024D01	VOLTAGE INDICATOR CLEAR; 10-26VDC
EVAG024D01	VOLTAGE INDICATOR GREEN; 10-26VDC
EVAR024D01	VOLTAGE INDICATOR RED; 10-26VDC
EVAY024D01	VOLTAGE INDICATOR YELLOW; 10-26VDC
Voltage Indicator 240VAC	
EVAA240A01	VOLTAGE INDICATOR AMBER 65-280VAC
EVAB240A01	VOLTAGE INDICATOR BLUE 65-280VAC
EVAC240A01	VOLTAGE INDICATOR CLEAR 65-280VAC
EVAG240A01	VOLTAGE INDICATOR GREEN 65-280VAC
EVAR240A01	VOLTAGE INDICATOR RED 65-280VAC
EVAY240A01	VOLTAGE INDICATOR YELLOW 65-280VAC

Features
Digital Indicators



Regulatory Stocked item