



ND9 Indicator Light

1. General

- 1.1 Electric ratings: 230V, AC50/60Hz;
- 1.2 Rated insulation voltage U_i : 500V;
- 1.3 Protection grade: IP20
- 1.4 Rated operational current: $\leq 20\text{mA}$
- 1.5 Life: LED $\geq 30000\text{h}$;
- 1.6 Standard: IEC/EN 60947-5-1

2. Normal Operational and Mounting Conditions

- 2.1 Ambient temperature: $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$,
average temperature in 24 hours not exceed $+35^{\circ}\text{C}$;
- 2.2 Altitude: $\leq 2000\text{m}$;
- 2.3 Air conditions:
At mounting site, relative humidity not exceed 50% at the max temperature of $+40^{\circ}\text{C}$, higher relative humidity is allowable under lower temperature. For example, RH could be 90% at $+20^{\circ}\text{C}$. Special measures should be taken to occurrence of dews;
- 2.4 Mounting category: II, III;
- 2.5 Pollution grade: II;
- 2.6 Mounting mode: TH35-7.5 standard rail, inclination between mounting and vertical plane not exceed 5° .

3. Ordering Information

★ Single lamp indicator light

Operational voltage (V)	Current (mA)	Indicator light type	Color	CTN	Order code	
					Standard	RoHS
6.3 AC/DC	≤20	LED	Green	180	153101	-
12 AC/DC	≤20	LED	Green	180	153102	-
24 AC/DC	≤20	LED	Green	180	153103	-
110 AC/DC	≤20	LED	Green	180	153104	-
230 AC/DC	≤20	LED	Green	180	153105	-
6.3 AC/DC	≤20	LED	Red	180	153106	-
12 AC/DC	≤20	LED	Red	180	153107	-
24 AC/DC	≤20	LED	Red	180	153108	-
110 AC/DC	≤20	LED	Red	180	153109	-
230 AC/DC	≤20	LED	Red	180	153110	-
6.3 AC/DC	≤20	LED	Yellow	180	153111	-
12 AC/DC	≤20	LED	Yellow	180	153112	-
24 AC/DC	≤20	LED	Yellow	180	153113	-
110 AC/DC	≤20	LED	Yellow	180	153114	-
230 AC/DC	≤20	LED	Yellow	180	153115	-
6.3 AC/DC	≤20	LED	Blue	180	153116	-
12 AC/DC	≤20	LED	Blue	180	153117	-
24 AC/DC	≤20	LED	Blue	180	153118	-
110 AC/DC	≤20	LED	Blue	180	153119	-
230 AC/DC	≤20	LED	Blue	180	153120	-
6.3 AC/DC	≤20	LED	White	180	153121	-
12 AC/DC	≤20	LED	White	180	153122	-
24 AC/DC	≤20	LED	White	180	153123	-
110 AC/DC	≤20	LED	White	180	153124	-
230 AC/DC	≤20	LED	White	180	153125	-

★ Dual-lamps indicator light

Operational voltage (V)	Current (mA)	Indicator light type	Color	CTN	Order code	
					Standard	RoHS
6.3 AC/DC	≤20	LED	Green+Green	180	153126	-
12 AC/DC	≤20	LED	Green+Green	180	153127	-
24 AC/DC	≤20	LED	Green+Green	180	153128	-
110 AC/DC	≤20	LED	Green+Green	180	153129	-
230 AC/DC	≤20	LED	Green+Green	180	153130	-
6.3 AC/DC	≤20	LED	Green+Red	180	153131	-
12 AC/DC	≤20	LED	Green+Red	180	153132	-
24 AC/DC	≤20	LED	Green+Red	180	153133	-
110 AC/DC	≤20	LED	Green+Red	180	153134	-
230 AC/DC	≤20	LED	Green+Red	180	153135	-

Operational voltage (V)	Current (mA)	Indicator light type	Color	CTN	Order code	
					Standard	RoHS
6.3 AC/DC	≤20	LED	Green+Yellow	180	153136	-
12 AC/DC	≤20	LED	Green+Yellow	180	153137	-
24 AC/DC	≤20	LED	Green+Yellow	180	153138	-
110 AC/DC	≤20	LED	Green+Yellow	180	153139	-
230 AC/DC	≤20	LED	Green+Yellow	180	153140	-
6.3 AC/DC	≤20	LED	Green+Blue	180	153141	-
12 AC/DC	≤20	LED	Green+Blue	180	153142	-
24 AC/DC	≤20	LED	Green+Blue	180	153143	-
110 AC/DC	≤20	LED	Green+Blue	180	153144	-
230 AC/DC	≤20	LED	Green+Blue	180	153145	-
6.3 AC/DC	≤20	LED	Green+White	180	153146	-
12 AC/DC	≤20	LED	Green+White	180	153147	-
24 AC/DC	≤20	LED	Green+White	180	153148	-
110 AC/DC	≤20	LED	Green+White	180	153149	-
230 AC/DC	≤20	LED	Green+White	180	153150	-
6.3 AC/DC	≤20	LED	Red+Red	180	153151	-
12 AC/DC	≤20	LED	Red+Red	180	153152	-
24 AC/DC	≤20	LED	Red+Red	180	153153	-
110 AC/DC	≤20	LED	Red+Red	180	153154	-
230 AC/DC	≤20	LED	Red+Red	180	153155	-
6.3 AC/DC	≤20	LED	Red+Yellow	180	153156	-
12 AC/DC	≤20	LED	Red+Yellow	180	153157	-
24 AC/DC	≤20	LED	Red+Yellow	180	153158	-
110 AC/DC	≤20	LED	Red+Yellow	180	153159	-
230 AC/DC	≤20	LED	Red+Yellow	180	153160	-
6.3 AC/DC	≤20	LED	Red+Blue	180	153161	-
12 AC/DC	≤20	LED	Red+Blue	180	153162	-
24 AC/DC	≤20	LED	Red+Blue	180	153163	-
110 AC/DC	≤20	LED	Red+Blue	180	153164	-
230 AC/DC	≤20	LED	Red+Blue	180	153165	-
6.3 AC/DC	≤20	LED	Red+White	180	153166	-
12 AC/DC	≤20	LED	Red+White	180	153167	-
24 AC/DC	≤20	LED	Red+White	180	153168	-
110 AC/DC	≤20	LED	Red+White	180	153169	-
230 AC/DC	≤20	LED	Red+White	180	153170	-
6.3 AC/DC	≤20	LED	Yellow+Yellow	180	153171	-
12 AC/DC	≤20	LED	Yellow+Yellow	180	153172	-
24 AC/DC	≤20	LED	Yellow+Yellow	180	153173	-
110 AC/DC	≤20	LED	Yellow+Yellow	180	153174	-
230 AC/DC	≤20	LED	Yellow+Yellow	180	153175	-

Operational voltage (V)	Current (mA)	Indicator light type	Color	CTN	Order code	
					Standard	RoHS
6.3 AC/DC	≤20	LED	Yellow+Blue	180	153176	-
12 AC/DC	≤20	LED	Yellow+Blue	180	153177	-
24 AC/DC	≤20	LED	Yellow+Blue	180	153178	-
110 AC/DC	≤20	LED	Yellow+Blue	180	153179	-
230 AC/DC	≤20	LED	Yellow+Blue	180	153180	-
6.3 AC/DC	≤20	LED	Yellow+White	180	153181	-
12 AC/DC	≤20	LED	Yellow+White	180	153182	-
24 AC/DC	≤20	LED	Yellow+White	180	153183	-
110 AC/DC	≤20	LED	Yellow+White	180	153184	-
230 AC/DC	≤20	LED	Yellow+White	180	153185	-
6.3 AC/DC	≤20	LED	Blue+Blue	180	153186	-
12 AC/DC	≤20	LED	Blue+Blue	180	153187	-
24 AC/DC	≤20	LED	Blue+Blue	180	153188	-
110 AC/DC	≤20	LED	Blue+Blue	180	153189	-
230 AC/DC	≤20	LED	Blue+Blue	180	153190	-
6.3 AC/DC	≤20	LED	Blue+White	180	153191	-
12 AC/DC	≤20	LED	Blue+White	180	153192	-
24 AC/DC	≤20	LED	Blue+White	180	153193	-
110 AC/DC	≤20	LED	Blue+White	180	153194	-
230 AC/DC	≤20	LED	Blue+White	180	153195	-
6.3 AC/DC	≤20	LED	White+White	180	153196	-
12 AC/DC	≤20	LED	White+White	180	153197	-
24 AC/DC	≤20	LED	White+White	180	153198	-
110 AC/DC	≤20	LED	White+White	180	153199	-
230 AC/DC	≤20	LED	White+White	180	153200	-

4. Wirng

Cross section area of the conductor is 1.0mm²,
 and tightening torque should be 0.8N.m

5. Overall and Mounting Dimensions (mm)

