



## 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 dew;
- 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  $5^\circ$

### 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	$\leq 20$	LED	Green	192	153101	-
12 AC/DC	$\leq 20$	LED	Green	192	153102	-
24 AC/DC	$\leq 20$	LED	Green	192	153103	-
110 AC/DC	$\leq 20$	LED	Green	192	153104	-
230 AC/DC	$\leq 20$	LED	Green	192	153105	-
6.3 AC/DC	$\leq 20$	LED	Red	192	153106	-
12 AC/DC	$\leq 20$	LED	Red	192	153107	-
24 AC/DC	$\leq 20$	LED	Red	192	153108	-
110 AC/DC	$\leq 20$	LED	Red	192	153109	-
230 AC/DC	$\leq 20$	LED	Red	192	153110	-
6.3 AC/DC	$\leq 20$	LED	Yellow	192	153111	-
12 AC/DC	$\leq 20$	LED	Yellow	192	153112	-
24 AC/DC	$\leq 20$	LED	Yellow	192	153113	-
110 AC/DC	$\leq 20$	LED	Yellow	192	153114	-
230 AC/DC	$\leq 20$	LED	Yellow	192	153115	-
6.3 AC/DC	$\leq 20$	LED	Blue	192	153116	-
12 AC/DC	$\leq 20$	LED	Blue	192	153117	-
24 AC/DC	$\leq 20$	LED	Blue	192	153118	-
110 AC/DC	$\leq 20$	LED	Blue	192	153119	-
230 AC/DC	$\leq 20$	LED	Blue	192	153120	-
6.3 AC/DC	$\leq 20$	LED	White	192	153121	-
12 AC/DC	$\leq 20$	LED	White	192	153122	-
24 AC/DC	$\leq 20$	LED	White	192	153123	-
110 AC/DC	$\leq 20$	LED	White	192	153124	-
230 AC/DC	$\leq 20$	LED	White	192	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	192	153126	-
12 AC/DC	≤20	LED	Green+Green	192	153127	-
24 AC/DC	≤20	LED	Green+Green	192	153128	-
110 AC/DC	≤20	LED	Green+Green	192	153129	-
230 AC/DC	≤20	LED	Green+Green	192	153130	-
6.3 AC/DC	≤20	LED	Green+Red	192	153131	-
12 AC/DC	≤20	LED	Green+Red	192	153132	-
24 AC/DC	≤20	LED	Green+Red	192	153133	-
110 AC/DC	≤20	LED	Green+Red	192	153134	-
230 AC/DC	≤20	LED	Green+Red	192	153135	-
6.3 AC/DC	≤20	LED	Green+Yellow	192	153136	-
12 AC/DC	≤20	LED	Green+Yellow	192	153137	-
24 AC/DC	≤20	LED	Green+Yellow	192	153138	-
110 AC/DC	≤20	LED	Green+Yellow	192	153139	-
230 AC/DC	≤20	LED	Green+Yellow	192	153140	-
6.3 AC/DC	≤20	LED	Green+Blue	192	153141	-
12 AC/DC	≤20	LED	Green+Blue	192	153142	-
24 AC/DC	≤20	LED	Green+Blue	192	153143	-
110 AC/DC	≤20	LED	Green+Blue	192	153144	-
230 AC/DC	≤20	LED	Green+Blue	192	153145	-
6.3 AC/DC	≤20	LED	Green+White	192	153146	-
12 AC/DC	≤20	LED	Green+White	192	153147	-
24 AC/DC	≤20	LED	Green+White	192	153148	-
110 AC/DC	≤20	LED	Green+White	192	153149	-
230 AC/DC	≤20	LED	Green+White	192	153150	-
6.3 AC/DC	≤20	LED	Red+Red	192	153151	-
12 AC/DC	≤20	LED	Red+Red	192	153152	-
24 AC/DC	≤20	LED	Red+Red	192	153153	-
110 AC/DC	≤20	LED	Red+Red	192	153154	-
230 AC/DC	≤20	LED	Red+Red	192	153155	-
6.3 AC/DC	≤20	LED	Red+Yellow	192	153156	-
12 AC/DC	≤20	LED	Red+Yellow	192	153157	-
24 AC/DC	≤20	LED	Red+Yellow	192	153158	-
110 AC/DC	≤20	LED	Red+Yellow	192	153159	-
230 AC/DC	≤20	LED	Red+Yellow	192	153160	-
6.3 AC/DC	≤20	LED	Red+Blue	192	153161	-
12 AC/DC	≤20	LED	Red+Blue	192	153162	-
24 AC/DC	≤20	LED	Red+Blue	192	153163	-
110 AC/DC	≤20	LED	Red+Blue	192	153164	-
230 AC/DC	≤20	LED	Red+Blue	192	153165	-
6.3 AC/DC	≤20	LED	Red+White	192	153166	-
12 AC/DC	≤20	LED	Red+White	192	153167	-
24 AC/DC	≤20	LED	Red+White	192	153168	-
110 AC/DC	≤20	LED	Red+White	192	153169	-
230 AC/DC	≤20	LED	Red+White	192	153170	-



Operational voltage (V)	Current (mA)	Indicator light type	Color	CTN	Order code	
					Standard	RoHS
6.3 AC/DC	≤20	LED	Yellow+Yellow	192	153171	-
12 AC/DC	≤20	LED	Yellow+Yellow	192	153172	-
24 AC/DC	≤20	LED	Yellow+Yellow	192	153173	-
110 AC/DC	≤20	LED	Yellow+Yellow	192	153174	-
230 AC/DC	≤20	LED	Yellow+Yellow	192	153175	-
6.3 AC/DC	≤20	LED	Yellow+Blue	192	153176	-
12 AC/DC	≤20	LED	Yellow+Blue	192	153177	-
24 AC/DC	≤20	LED	Yellow+Blue	192	153178	-
110 AC/DC	≤20	LED	Yellow+Blue	192	153179	-
230 AC/DC	≤20	LED	Yellow+Blue	192	153180	-
6.3 AC/DC	≤20	LED	Yellow+White	192	153181	-
12 AC/DC	≤20	LED	Yellow+White	192	153182	-
24 AC/DC	≤20	LED	Yellow+White	192	153183	-
110 AC/DC	≤20	LED	Yellow+White	192	153184	-
230 AC/DC	≤20	LED	Yellow+White	192	153185	-
6.3 AC/DC	≤20	LED	Blue+Blue	192	153186	-
12 AC/DC	≤20	LED	Blue+Blue	192	153187	-
24 AC/DC	≤20	LED	Blue+Blue	192	153188	-
110 AC/DC	≤20	LED	Blue+Blue	192	153189	-
230 AC/DC	≤20	LED	Blue+Blue	192	153190	-
6.3 AC/DC	≤20	LED	Blue+White	192	153191	-
12 AC/DC	≤20	LED	Blue+White	192	153192	-
24 AC/DC	≤20	LED	Blue+White	192	153193	-
110 AC/DC	≤20	LED	Blue+White	192	153194	-
230 AC/DC	≤20	LED	Blue+White	192	153195	-
6.3 AC/DC	≤20	LED	White+White	192	153196	-
12 AC/DC	≤20	LED	White+White	192	153197	-
24 AC/DC	≤20	LED	White+White	192	153198	-
110 AC/DC	≤20	LED	White+White	192	153199	-
230 AC/DC	≤20	LED	White+White	192	153200	-

**4. Wirng**

Cross section area of the conductor is 1.0mm<sup>2</sup>, and tightening torque should be 0.8N·m

**5. Overall and mounting dimensions (mm)**

