

iCall 317 LB-CT

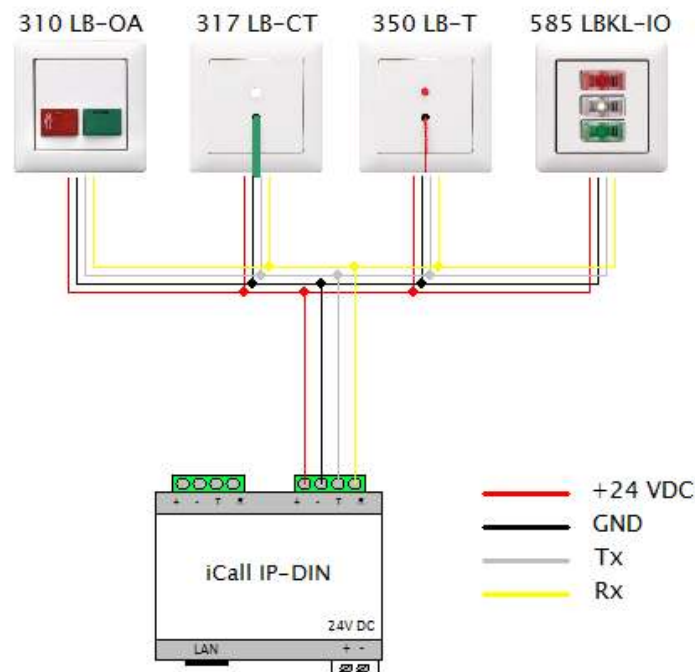
This new iCall 317 LB-CT pull cord button is a new feature button. It is a direct cancellation of a room call. No presence function in the room is required to cancel the call.

Features

- Cancel room call immediately
- Green pull cord (Nylon, 2Meter)
- Safety break-away included
- Counts as one address on the Local Bus
- Button is supervised by the IP-unit

**Connections**

- + 24V DC
- - GND
- Tx Data
- Rx Data

**Order information**

NWBAES2170 iCall 317 LB-CT

Version

HW: iCall_LB-CT V1.1
SW: iCall_LB-CT V1.0

iCall LB-CT V1.1

General Absolute Maximum Ratings !

			min	typ	max	unit
	Supply Voltage	V _{cc}	18	24	30	V
	Supply Current forward	I _f	-	-	20	mA
	Operating Temperature (ambient)	T _{amb}	0	-	65	°C
	Maximum reverse voltage	V _r	-	40	-	V
	Leakage current (reverse)	I _r	-	30	-	µA

Mechanical properties

	Parameter		min	typ	max	unit
	Dimensions (Total Assembly)	L x W x H	metric	71 x 71 x 30	-	mm
		L x W x H	non-metric	27,95" x 27,95" x 11,81"	-	" (inch)
		L x W x H	non-metric	2795 x 2795 x 1181	-	mils
	Weight	PCB	pounds	0,0298	-	lbs
			metric	0,0135	-	kg
		Pull strings	pounds	0,0386	-	lbs
			metric	0,0175	-	kg
		Total Assembly	pounds	0,1554	-	lbs
			metric	0,0705	-	kg
	lense	Type of material	TARFLON AZ1900T.pdf			-
		Plastic cover	Type of material	thermoplastic (Gira-55)		
	PCB	Type of material	FR-4,			-
			Td>=325°C, T260>=60' , T288>=5' , CTEz<=3.7%, Tg>=135°C			

General Electrical properties

Symbol	Parameter	State	min	typ	max	unit
V _{CC}	Operating Voltage	-	18	24	30	V dc
I _f	Forward Supply Current (Idle)	@18V dc supply	-	6,54	-	mA
		@24V dc supply	-	9,51	-	mA
		@30V dc supply	-	12,57	-	mA
I _f	Forward Supply Current (Call) <u>without buzzer</u>	@18V dc supply	-	10,40	-	mA
		@24V dc supply	-	14,85	-	mA
		@30V dc supply	-	19,27	-	mA
I _f	Forward Supply Current (Assistance) <u>with buzzer</u>	@18V dc supply	-	8,89	-	mA
		@24V dc supply	-	10,36	-	mA
		@30V dc supply	-	16,65	-	mA
P _t	Power Consumption (Idle)	@18V dc supply	-	118	-	mW
		@24V dc supply	-	228	-	mW
		@30V dc supply	-	377	-	mW
P _t	Power Consumption (Call) <u>without buzzer</u>	@18V dc supply	-	187	-	mW
		@24V dc supply	-	356	-	mW
		@30V dc supply	-	578	-	mW
P _t	Power Consumption (Assistance) <u>with buzzer</u>	@18V dc supply	-	160	-	mW
		@24V dc supply	-	249	-	mW
		@30V dc supply	-	500	-	mW
T _a	Operating temperature		-20	-	65	°c
			-4	-	149	°F

Operation / button specific properties

	Parameter		min	typ	max	unit
	Control buttons	type	Pull string			
	indicators	Buzzer	Call following; Assistance ; Urgence			
		LED	Call (toilet) ; Call following ; Assistance ; Urgence			
	Pull string	Activation force perpundicular (vertically downwards)	min	typ	max	
			-	3,63	-	N
			-	0,37	-	kg
			-	0,815702	-	lbs
Buzzer interval	ratio Ton / Toff	Call following	-	ON=1000 OFF=11500	-	ms
		Urgence	-	ON=1000 OFF=1000	-	ms
		Assistance	-	ON=350 OFF=350	-	ms

Additional Components

Component	Use	min	typ	max	unit
Pull String	Safety Break-away Force	-	20	-	kg
	(measurement doc)	-	44,1	-	lbs
	Material patient cord	PVC cord with PES-core: diameter 2,7 +/- 0,1 mm			
	Couple cord (piece before safety break-away)	PES, diameter 1,3 mm			

Regulations

Parameter	condition	Compliance
VDE 834-1 & 834-2	conform	meets regulatory
EMC (immunity, radiated , conducted)	conform	iCall DECLARATION OF CONFORMITY.doc.pdf
ESD	conform	iCall DECLARATION OF CONFORMITY.doc.pdf
FCC	-	not yet performed