Product news

Pilot devices
New Buzzer

Document ID 1SFC151050K0201 date May 2013

The new Buzzer from ABB expands the existing Pilot device offering with a competitive product that is suitable for a wide range of applications and segments.

The experienced ABB R&D team have done extensive work to integrate LED illumination with both continuous and flashing light, IP 67 and 69k protection grades, a siren with a noise output of approx. 90 db into a product that have the same outer dimensions as a Pilot light (indication light). The compact design also results in a short installation time and limits the amount of products that need to be kept in stock.

These features combined make this new product offering competitive and unique on the market.









Description	Lights and sound output	Rated current mA	Luminance mcd	Type	Order Code	Package Quantity	Weight Kg
Illuminated							
Rated voltage 24 V, AC/DC							
Green	Continuous	48	126	CB1-600G	1SFA619600R6002	10	0.021
Red	Pulsation	53	60	CB1-610R	1SFA619600R6101	10	0.021
Yellow	Pulsation	53	60	CB1-610Y	1SFA619600R6103	10	0.021
Rated voltage 110-130 V, AC							
Green	Continuous	55	126	CB1-601G	1SFA619600R6012	10	0.021
Red	Pulsation	70	60	CB1-611R	1SFA619600R6111	10	0.021
Yellow	Pulsation	70	60	CB1-611Y	1SFA619600R6113	10	0.021
Rated voltage 110-130 V, DC							
Green	Continuous	15	126	CB1-602G	1SFA619600R6022	10	0.021
Red	Pulsation	15	60	CB1-612R	1SFA619600R6121	10	0.021
Yellow	Pulsation	15	60	CB1-612Y	1SFA619600R6123	10	0.021
Rated voltage 230 V, AC							
Green	Continuous	55	126	CB1-603G	1SFA619600R6032	10	0.021
Red	Pulsation	70	60	CB1-613R	1SFA619600R6131	10	0.021
Yellow	Pulsation	70	60	CB1-613Y	1SFA619600R6133	10	0.021
Non-illuminated							
Rated voltage 24 V, AC/DC							
Black	Continuous	40	-	CB1-620B	1SFA619600R6206	10	0.021
Black	Pulsation	48	-	CB1-630B	1SFA619600R6306	10	0.021
Rated voltage 110-130 V, AC							
Black	Continuous	40	-	CB1-621B	1SFA619600R6216	10	0.021
Black	Pulsation	45	-	CB1-631B	1SFA619600R6316	10	0.021
Rated voltage 110-130 V, DC							
Black	Continuous	15	-	CB1-622B	1SFA619600R6226	10	0.021
Black	Pulsation	15	-	CB1-632B	1SFA619600R6326	10	0.021
Rated voltage 230 V, AC							
Black	Continuous	40	-	CB1-623B	1SFA619600R6236	10	0.021
Black	Pulsation	40	-	CB1-633B	1SFA619600R6336	10	0.021

Buzzer Technical data

Standards and Approvals		
IEC / EN 60947-1	Low-Voltage switchgear and controlgear - Part 1: General rules	
IEC / EN 60947-5-1	Low-Voltage switchgear and controlgear - Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices	
IEC / EN 60073	Basic and safety principles for man-machine interface, marking and identification - Coding principles for indicators and actuators	
IEC / EN 60529	Degrees of protection provided by enclosures (IP Code)	
EN 50013	Low-Voltage switchgear and controlgear for industrial use - Terminal marking and distinctive number for particular control switches	
DIN 40050-9	Road vehicles; Degrees of protection (IP-code); protection against foreign objects; water and contact; electrical equipment	
UL 508	Industrial control equipment	
CSA C22.2 No 14	Industrial control equipment	
Environmental data		
Degrees of protection	**IEC/EN DIN**	**UL/CSA**
Buzzer	IP 66, IP 67, IP 69k	Type 1, 3R, 4, 4X, 12, 13
Temperature		
Ambient temperature during operation	-25 to +70 °C	
Storage temperature	-40 to +85 °C	
Cable Connections		
Operator	**Cable Terminal**	
Buzzer	Connectable area:	
	min. 1 x 0.5 mm2 / 1 x AWG20	
	max. 2 x 2.5 mm2 / 2 x AWG14	
Operators Locking nut	Min. 2 Nm / Max. 2.3 Nm	
Cable Terminals M3,5	0.9 Nm	
Short circuit protection		
Max. fuse at 1 kA	gG 10A	
Ratings as per IEC 60947-5-1		
Rated Insulation Voltage, Ui	300 v	
Rated impulse withstand voltage Uimp	4kV	
Rated frequency	50-60 Hz	
Sound level db	≥90 db / 10 cm	
Product service life	>5000 hours	

ABB Low Voltage Products
Control Products
http://www.abb.com

Power and productivity
for a better world™