# SIEMENS

## **Product data sheet**

### 3SB3644-6BA40



INDICATOR LIGHT, 22MM, ROUND, METAL, GREEN, LENS, CONCENTRIC RINGS, WITH HOLDER, LAMPHOLDER, WITH INTEGRATED LED AC/DC 24V, SCREW CONNECTION

Enclosure:						
Material / of the enclosure	metal					
Shape / of the enclosure front	round					
Actuato/ signaling device:						
Design of the product	Complete unit round					
Design of the operating mechanism	indicator light					
Type of unlocking device	without					
Color / of the actuating element	Green					
Shape / of the actuating element	Concentric rings					
Number of switching positions	0					
Product component / front ring	No					
Holder:						
Material / of the holder	Metal					
Contact block/ lampholder:						
Design of the electrical connection	screw-type terminals					
Number of switching elements	0					

Number of NC contacts / for auxiliary contacts

Number of NO contacts / for auxiliary contacts

0

0

Number of CO contacts / for auxiliary contactsIProduct function / positive openingINoNumber of lampholdersIIntegrated LEDProduct component / Light sourceIYesProduct component / Light sourceINoAccessories:NoNoConstruct to component / holder for 3 witching elementsNoNoSupply voltage / of the supply voltage / of the light sourceNoNoSupply voltage / of the supply voltage / of the light sourceAC/DCNoSupply voltage / of the supply voltage / of the light sourceNoNoSupply voltage / of the supply voltage / of the light sourceNoNoSupply voltage / of the supply voltage / of the light sourceNoNoSupply voltage / of the supply voltage / of the light sourceNoNoSupply voltage / of the supply voltage / of the light sourceNoNosoutch / f / Rated valueV2Acvolta / f / Rated valueV2Acof cold rated valueV2AcPoreating voltageINoAcof cold volta / fact of Ele GOGB-22Supply voltage / of the supply voltage / of the supply voltage / of the supply soutcePosoutce is the North SufficientISupply voltage / of the supply voltage / o		-						
Number of lampholders1Mounting typeintegrated LEDProduct component / Light sourceVesProduct expansion / optional / Light sourceVesAccessorios:NoConceral technical details:NoConceral technical details:AC/DCSupply voltage / of the supply woltage / of the light sourceAC/DCSupply voltage / of the supply woltage / of the light sourceAC/DCSupply voltage / 1 / of the light sourceAC/DCSupply voltage / 1 / of the light sourceV• with AC / at 60 Hz / Rated valueV• with AC / at 60 Hz / Rated valueV24Ac/DCOperating voltage / of the operating voltageV• valueV• valueV2020Product sourceSupply voltage / 1 / of the light source• with AC / at 60 Hz / Rated valueV2424• tor devices without incandescent lamp / acc. to IEC 60068-247VV21.6 26.4Operating currentV• for devices without incandescent lamp / acc. to IEC 60068-247P• acc. to DIN EN 61346-2P• acc. to DIN H0719 extended according to IEC 204-2 / acc. to IECP• acc. to DIN H0719 extended according to IEC 204-2 / acc. to IECP• acc. to DIN H0719 extended according to IEC 204-2 / acc. to IECP• acc. to DIN 61346-2P• acc. to DIN 40719 extended according to IEC 204-2 / acc. to IECP• acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC<	Number of CO contacts / for auxiliary contacts		0					
Mounting typeintegrated LEDProduct component / Light sourceVesProduct expansion / optional / Light sourceVesAccessories:NoProduct component / holder for 3 switching elementsNoCeneral technical datalis:AC/DCType of voltage / of the supply voltage / of the light sourceAC/DCSupply voltage / 1/ of the light sourceV• with AC / at 60 Hz / Rated valueV2424• with AC / at 60 Hz / Rated valueV2424• with AC / at 60 Hz / Rated valueV2424• with AC / at 60 Hz / Rated valueV2424• with AC / at 60 Hz / Rated valueV2424• of robC / Rated valueV2424• of voltage / of the operating voltageV2424• of voltage / of the operating voltageV2424• of obvidues without incandescent lamp / act: to IEC 60068-2:27E• of devices without incandescent lamp / act: to IEC 60068-2:26P• of devices without incandescent lamp / act: to IEC 60068-2:27P• of devices without incandescent lamp / act: to IEC 60068-2:27P• of devices without incandescent lamp / act: to IEC 60068-2:27P• of devices without incandescent lamp / act: to IEC 60068-2:27P• of the sistalation opening to IEC 204-2 / act: to IECP• of the sistal of the screws in the bracket / maximumM:m1• during operationC <t< th=""><th>Product function / positive opening</th><th></th><th>No</th></t<>	Product function / positive opening		No					
Product expansion / optional / Light sourceVesProduct expansion / optional / Light sourceVesAccessorios:NoProduct component / holder for 3 switching elementsNoGeneral technical dotalis:Ac/DCSupply voltage / of the supply voltage / of the light sourceAc/DCsupply voltage / 1/ of the light sourceAc/DCwith AC / at 60 Hz / Rated valueV24with AC / at 60 Hz / Rated valueV24owith AC / at 60 Hz / Rated valueV24of DC / Rated valueV24of or bottage / of the operating voltageV24Operating voltage / of the operating voltageV24Operating voltage / of the operating voltageV24of or dovides without incandescent lamp / acc. to IEC 60068-2:27200.201.Vibration resistance / acc. to IEC 60068-2:6V200.200.Reference codeV200.200.200.200.· acc. to DIN EN 61346-2N1200.· acc. to DIN EN 61346-2N1200.· acc. to DIN EN 61346-2P200.200.200.· acc. to DIN EN 61346-2S9200.200.· acc. to DIN 61346-2S9200.200.· acc. to DIN 61346-2S9<	Number of lampholders		1					
Product expansion / optional / Light source Yes   Accessories: No   Product component / holder for 3 switching elements No   Ceneral technical details: CDC   Type of voltage / of the supply voltage / of the light source AC/DC   Supply voltage / 11 / of the light source V   vinh AC / at 60 Hz / Rated value V   vinh AC / at 60 Hz / Rated value V   vinh AC / at 60 Hz / Rated value V   vinh AC / at 60 Hz / Rated value V   vinh AC / at 60 Hz / Rated value V   vinh AC / at 60 Hz / Rated value V   vinh AC / at 60 Hz / Rated value V   vinh AC / at 60 Hz / Rated value V   vinh AC / at 60 Hz / Rated value V   vinh AC / at 60 Hz / Rated value V   vinh AC / at 60 Hz / Rated value V   vinh AC / at 60 Hz / Rated value V   of Departing outrage V   e Rated value V   ving outrage / of the operating voltage Z   vinf or DIN End Stafe-2 Z   ving operation Interce code   ving operation Nm   ving operation Interce code   ving operation Interce code   ving operation Interce code   vin	Mounting type		integrated LED					
Accessories:   No     Product component / holder for 3 switching elements   No     Ceneral technical details:   AC/DC     Supply voltage / of the supply voltage / of the light source   AC/DC     Supply voltage / 11 of the light source   V     • with AC / at 60 Hz / Rated value   V   24     • with AC / at 60 Hz / Rated value   V   24     • with AC / at 60 Hz / Rated value   V   24     • for DC / Rated value   V   24     Type of voltage / of the operating voltage   V   24     Operating voltage   V   21.6 26.4     Operating current        • for devices without incandescent lamp / acc. to IEC 60068-227   C       Vibration resistance / acc. to IEC 60068-26   P        • for devices without incandescent lamp / acc. to IEC 60068-26   P         Vibration resistance / acc. to IEC 60068-26   P   P	Product component / Light source		Yes					
Product component / holder for 3 switching elements No   Ceneral technical details: AC/DC   Supply voltage / of the supply voltage / of the light source AC/DC   • with AC / at 60 Hz / Rated value V 24   • with AC / at 50 Hz / Rated value V 24   • for DC / Rated value V 24   • for devices without incandescent lamp / acc. to IEC 60068-2-27 C 20 200 Hz; 5g   P       • for devices without incandescent lamp / acc. to IEC 60068-2-27 P    • for devices without incandescent lamp / acc. to IEC 60068-2-26 P    • for devices without field scoording to IEC 204-2 / acc. to IEC 60068-2-6 P    • for Di Mo719 extended according to IEC 204-2 / acc. to IEC 60068-26 P    • for Di Mo719 extended according to IEC 204-2 / acc. to IEC 60068-26 P	Product expansion / optional / Light source		Yes					
Ceneral technical details:   Type of voltage / of the supply voltage / of the light source AC/DC   Supply voltage / 1 / of the light source V   • with AC / at 60 Hz / Rated value V   • with AC / at 50 Hz / Rated value V   • for DC / Rated value V   1 for coll case / of the operating voltage V   0 perating voltage V   • Rated value V   1 for devices without incandescent lamp / acc. to IEC 60068-2-27 C   • acc. to DIN EN 61346-2 20 200 Hz: 5g   • acc. to DIN V0719 extended according to IEC 204-2 / acc. to IEC 750 P   • during operation °C -25 +70   • during operation °C -25 +70   • during operation / acc. to EN 60721 3K6   Mounting type I round   Shape / of the installation opening round   Installation width rm 28   Mounting theight rm 11	Accessories:							
Type of voltage / of the supply voltage / of the light source     AC/DC       Supply voltage / 1 / of the light source     ·       • with AC / at 60 Hz / Rated value     V     24       • with AC / at 50 Hz / Rated value     V     24       • with AC / at 50 Hz / Rated value     V     24       • for DC / Rated value     V     24       Type of voltage / of the operating voltage     V     24       Operating voltage     V     24       Operating voltage     V     24       Operating voltage     V     24       Operating voltage     V     21.6 26.4       Operating current     V     21.6 26.4       • for devices without incandescent lamp / acc. to IEC 60068-2-27     C     Sog       • for devices without incandescent lamp / acc. to IEC 60068-2-6     P     P       • acc. to DIN EN 61346-2     P     P       • acc. to DIN A0719 extended according to IEC 204-2 / acc. to IEC     P     P       • acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC     -40 +80     P       • during operation     °C     40 +80     -40 +80 <th>Product component / holder for 3 switching elements</th> <th></th> <th>No</th>	Product component / holder for 3 switching elements		No					
Supply voltage / 1 / of the light sourceI• with AC / at 60 Hz / Rated valueV24• with AC / at 50 Hz / Rated valueV24• with AC / at 50 Hz / Rated valueV24• for DC / Rated valueV24• for DC / Rated valueV24• for bottage / of the operating voltageAC/DCOperating voltage• Rated valueV21.6 26.4Operating current• for devices without incandescent lamp / acc. to IEC 60068-2:27-• for devices without incandescent lamp / acc. to IEC 60068-2:2720 200 Hz: 5gReference code• acc. to DIN EN 61346-2P• acc. to DIN EN 61346-2P• acc. to DIN 40719 extended according to IEC 204-2 / acc. to IECP• during operation°C-25 +70• during operation°C-25 +70• during operation / acc. to EN 60721SK6• fort mountingMounting typeShape / of the installation openingmm2Installation widthmm2Mounting diametermm2Mounting theightmm1	General technical details:							
with AC / at 60 Hz / Rated valueV24with AC / at 50 Hz / Rated valueV24i for DC / Rated valueV24Type of voltage / of the operating voltageV24Operating voltageV21626.4Operating currentV21626.4i for devices without incandescent lamp / acc. to IEC 60068-2-27Common Common Commo	Type of voltage / of the supply voltage / of the light source		AC/DC					
with AC / at 50 Hz / Rated valueV24for DC / Rated valueV4Type of voltage / of the operating voltageAC/DCOperating voltageV21626.4Operating voltageV21626.4Operating currentV4• for devices without incandescent lamp / acc. to IEC 60068-2-670	Supply voltage / 1 / of the light source							
· for DC / Rated valueV24Type of voltage / of the operating voltageIAC/DCOperating voltageV21.6 26.4Operating currentV21.6 26.4· for devices without incandescent lamp / acc. to IEC 60068-2-27ISolutionVibration resistance / acc. to IEC 60068-2-66ISolutionVibration resistance / acc. to IEC 60068-2-66ISolution· acc. to DIN EN 61346-2ISolution· acc. to DIN 40719 extended according to IEC 204-2 / acc. to IECP· acc. to DIN 40719 extended according to IEC 204-2 / acc. to IECN·m1· during operation· C· 25 +70· during operation· C· 26 +80· during storageIIProtection class IPIClimate class / during operation / acc. to EN 60721· Ref· Ref· Munting type· C· Sale· CShape / of the installation opening· C· Sale· C· Munting type· C· C· C· C· Muniting type· C· C· C	• with AC / at 60 Hz / Rated value	V	24					
Type of voltage / of the operating voltageAC/DCOperating voltageAC/DC• Rated valueV21.6 26.4Operating current• for devices without incandescent lamp / acc. to IEC 60068-2-27Vibration resistance / acc. to IEC 60068-2-620 200 Hz: 5gReference codeP• acc. to DIN EN 61346-2P• acc. to DIN 40719 extended according to IEC 204-2 / acc. to IECP• acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC1• of uring operation°C-25 +70• during operation°C-40 +80• during storageIP67Protection class IPInto mountingMunting typeMathematication openingShape / of the installation openingmmInstallation widthRmMounting diametermmMounting heightmmInstallation widthmmMounting heightmmMounting heigh	• with AC / at 50 Hz / Rated value	V	24					
Operating voltageV21.6 26.4Operating currentV21.6 26.4• for devices without incandescent lamp / acc. to IEC 60068-2-27<<• for devices without incandescent lamp / acc. to IEC 60068-2-27<<Vibration resistance / acc. to IEC 60068-2-620 200 Hz: 5gReference code• acc. to DIN EN 61346-2• acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC7501• furting operation°C• during storage°C40 +80Protection class IP </th <th>for DC / Rated value</th> <th>V</th> <th>24</th>	for DC / Rated value	V	24					
• Rated valueV21.6 26.4Operating current• for devices without incandescent lamp / acc. to IEC 60068-2-27<<Vibration resistance / acc. to IEC 60068-2-620 200 Hz: 5gReference codeP• acc. to DIN EN 61346-2P• acc. to DIN 40719 extended according to IEC 204-2 / acc. to IECP• acc. to DIN 40719 extended according to IEC 204-2 / acc. to IECN·m1• during operation0°C-25 +70• during operation1°C-40 +80• during storage1°C3K6Fortection class IPIF67Climate class / during operation / acc. to EN 607215K6Mounting typeIfont mountingInstallation widthmm28Mounting diametermm21Mounting heightmm11	Type of voltage / of the operating voltage		AC/DC					
Operating current • for devices without incandescent lamp / acc. to IEC 60068-2-27Image: Solution resistance / acc. to IEC 60068-2-6Solution resistance / acc. to IEC 60068-2-6Personal formation resistance / acc. to IEC 60068-2-20Solution resistance / acc. to IEC 60068-2-6Solution resistance / acc. to IEC 60068-2-6Solution resistance / acc. to IEC 60068-2-6Personal formation resistance / acc. to IEC 60068-2-20Solution resistance / ac	Operating voltage							
• for devices without incandescent lamp / acc. to IEC 60068-2-27<	Rated value	V	21.6 26.4					
Vibration resistance / acc. to IEC 60068-2-620 200 Hz: 5gReference code• acc. to DIN EN 61346-2P• acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750HTightening torque / of the screws in the bracket / maximumN·m• during operation°C• during operation°C• during storage°C• Protection class IPIP67Climate class / during operation / acc. to EN 60721INemShape / of the installation openingron undInstallation widthmmMounting diametermmMounting heightmmMounting heightmm	Operating current							
Reference codeImage: Constraint of the series in the bracket / maximumP• acc. to DIN 40719 extended according to IEC 204-2 / acc. to IECP• acc. to DIN 40719 extended according to IEC 204-2 / acc. to IECHTightening torque / of the screws in the bracket / maximumN·m1• during operation°C-25 +70• during storage°C-40 +80Protection class IPImage: Constraint of the screws in the bracket / maximumIP67Climate class / during operation / acc. to EN 60721SK6Mounting typeImage: Constraint of the installation openingroundInstallation widthmm28Mounting diametermm11Mounting heightmm11	• for devices without incandescent lamp / acc. to IEC 60068-2-27		<= 50g					
• acc. to DIN EN 61346-2P• acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750HTightening torque / of the screws in the bracket / maximumN·m1• during operation°C-25 +70• during storage°C-40 +80Protection class IPIF67Climate class / during operation / acc. to EN 60721SK6Mounting typeIfont mountingShape / of the installation openingIfont mountingInstallation widthMm28Mounting diametermm1Mounting heightIfonInstalled in the installationIfont mountingInstallation widthIfontInstallation widthIfontInstal	Vibration resistance / acc. to IEC 60068-2-6		20 200 Hz: 5g					
• acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750HTightening torque / of the screws in the bracket / maximum • during operationN·m1• during operation°C-25 +70• during storage°C-40 +80Protection class IPIP67Climate class / during operation / acc. to EN 60721SK6Mounting typeront mountingShape / of the installation openingroundInstallation widthmm28Mounting diametermm11Mounting heightmm12	Reference code							
750ITightening torque / of the screws in the bracket / maximum • during operationN·m1• during operation°C-25 +70• during storage°C-40 +80Protection class IPIP67Climate class / during operation / acc. to EN 60721IN6Mounting typeInto mountingShape / of the installation openingInto mountingInstallation widthMm28Mounting diameterMm11Mounting heightInto mounting	• acc. to DIN EN 61346-2		Ρ					
• during operation°C-25 +70• during storage°C-40 +80Protection class IPIP67Climate class / during operation / acc. to EN 60721SK6Mounting typeIP67Shape / of the installation openingIP67Installation widthroundMounting diameternmmMounting heightIP67	-		Н					
• during storage°C-40 +80Protection class IPIP67Climate class / during operation / acc. to EN 60721SK6Mounting typeInto mountingShape / of the installation openingIrou ndInstallation widthmmMounting diametermmMounting heightmmInstallation widthmmInstallation width<	Tightening torque / of the screws in the bracket / maximum	N∙m	1					
Protection class IPIP67Climate class / during operation / acc. to EN 60721IS6Mounting typeIS6Shape / of the installation openingIS6Installation widthImmInstallation widthImmMounting diameterImmMounting heightImm <th>during operation</th> <th>°C</th> <th>-25 +70</th>	during operation	°C	-25 +70					
Climate class / during operation / acc. to EN 607213K6Mounting typefront mountingShape / of the installation openingroundInstallation widthnmmMounting diameternmmMounting heightnmmInstallation widthnmmMounting heightnmm	during storage	°C	-40 +80					
Mounting typefront mountingShape / of the installation openingroundInstallation widthnmmMounting diametermmMounting heightnmm	Protection class IP		IP67					
Shape / of the installation opening round   Installation width mm 28   Mounting diameter mm 22   Mounting height mm 11	Climate class / during operation / acc. to EN 60721		ЗКб					
Installation widthnmm28Mounting diameternmm22Mounting heightnmm11	Mounting type		front mounting					
Mounting diametermm22Mounting heightmm11	Shape / of the installation opening		round					
Mounting height mm 11	Installation width	mm	28					
	Mounting diameter	mm	22					
Installation depth mm 49	Mounting height	mm	11					
	Installation depth	mm	49					

Certificates/ approvals:

General Product	Approval			Declaration of Conformity	Test Certificates
	(SA)	EHC		EG-Konf.	Special Test Certificate
Shipping Approv	val				
ABS		Lloyd's Kegister Lrs	PRS	RINA	
other					
Confirmation	other	Environmental Confirmations			
Further informat	tion:				
	Downloadcenter (Cata com/industrial-control				
	ine ordering system) s.com/industrial-control				

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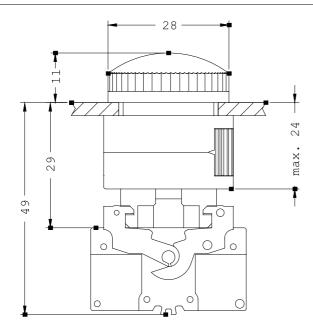
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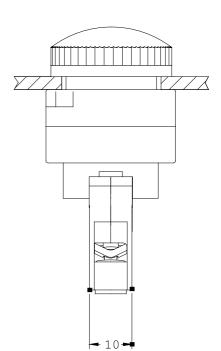
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

http://support.automation.siemens.com/WW/view/en/3SB3644-6BA40/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

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