SIEMENS

Data sheet 8WD4220-5AE



Continuous light element, with integrated LED, clear, 24 V AC/DC, Diameter 50 mm

product designation design of the product General technical data type of voltage of the operating voltage operating voltage * 1 at DC rated value * 1 at AC at 50 Hz rated value * 1 at AC at 60 Hz rated value * 24 V relative positive tolerance of the operating voltage relative negative tolerance of the sperating voltage relative negative tolerance of the operating voltage relative negative tolerance of the opera	product brand name	SIRIU	JS		
design of the product General technical data type of voltage of the operating voltage of at DC rated value 1 at DC rated value 1 at AC at 50 Hz rated value 2 at V relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage 10 % consumed current maximum 4 0 mA reference code according to EN 61346-2 Lamp product component light source Yes type of light source LED 100 000 h design of the optical signal continuous light light intensity 6.68 cd light intensity 3.87 9.74 cd Enclosure height 67 mm width 52 mm outer diameter of the signal column element 50 mm material PC color clear fastening method protection class IP Amblent conditions amblent temperature during operation -20 +50 °C Certificates/approvals	·	Cont	Continuous light element		
type of voltage of the operating voltage operating voltage • 1 at DC rated value 24 V • 1 at AC at 50 Hz rated value 224 V relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage consumed current maximum 40 mA reference code according to EN 61346-2 P Lamp product component light source type of light source service life of LED 100 000 h design of the optical signal light intensity 6.68 cd light intensity 3.87 9.74 cd Enclosure height 67 mm width outer diameter of the signal column element 50 mm material PC color fastening method Bayonet protection class IP Ambient conditions ambient temperature during operation -20 +50 °C Certificates/approvals	design of the product	inclu	Ç.		
operating voltage • 1 at DC rated value • 1 at AC at 50 Hz rated value 24 V • 1 at AC at 50 Hz rated value 24 V relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage consumed current maximum 40 mA reference code according to EN 61346-2 P Lamp product component light source type of light source type of light source service life of LED 100 000 h design of the optical signal light intensity 6.68 cd light intensity 3.87 9.74 cd Enclosure height 67 mm width 52 mm outer diameter of the signal column element material PC color clear fastening method Bayonet protection class IP Ambient conditions ambient temperature during operation -20 +50 °C Certificates/ approvals	General technical data				
1 at DC rated value 1 at AC at 50 Hz rated value 24 V 1 at AC at 60 Hz rated value 24 V 1 at AC at 60 Hz rated value 24 V relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage consumed current maximum 40 mA reference code according to EN 61346-2 Lamp product component light source Yes type of light source LED service life of LED 100 000 h design of the optical signal light intensity 6.68 cd light intensity 3.87 9.74 cd Enclosure Height width 52 mm outer diameter of the signal column element 50 mm material Color clear fastening method Bayonet protection class IP Ambient conditions ambient temperature during operation -20 +50 °C Certificates/approvals	type of voltage of the operating voltage	AC/E	C		
1 at AC at 50 Hz rated value 1 at AC at 60 Hz rated value 24 V relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage consumed current maximum 40 mA reference code according to EN 61346-2 P Lamp product component light source type of light source type of light source service life of LED design of the optical signal light intensity light intensity 6.68 cd light intensity a.87 9.74 cd Enclosure height width outer diameter of the signal column element material PC color fastening method protection class IP Ambient conditions ambient temperature during operation -20 +50 °C Certificates/ approvals	operating voltage				
• 1 at AC at 60 Hz rated value relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage consumed current maximum 40 mA reference code according to EN 61346-2 Emp product component light source type of light source service life of LED design of the optical signal light intensity 6.68 cd light intensity fenclosure height width outer diameter of the signal column element material pC color fastening method protection class IP Ambient conditions ambient temperature during operation -20 +50 °C Certificates/ approvals	1 at DC rated value	24 V	24 V		
relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage consumed current maximum 40 mA reference code according to EN 61346-2 P Lamp product component light source type of light source type of light source LED service life of LED 100 000 h design of the optical signal continuous light light intensity 6.68 cd light intensity 3.87 9.74 cd Enclosure height width 52 mm outer diameter of the signal column element outer diameter of the signal column element so mm material Color clear fastening method protection class IP Amblent conditions ambient temperature during operation -20 +50 °C Certificates/ approvals	• 1 at AC at 50 Hz rated value	24 V	24 V		
relative negative tolerance of the operating voltage consumed current maximum reference code according to EN 61346-2 P Lamp product component light source type of light source type of light source LED service life of LED 100 000 h design of the optical signal light intensity 6.68 cd light intensity 3.87 9.74 cd Enclosure height 67 mm width 52 mm outer diameter of the signal column element 50 mm material PC color fastening method Bayonet protection class IP Ambient conditions ambient temperature during operation -20 +50 °C Certificates/ approvals	• 1 at AC at 60 Hz rated value	24 V	24 V		
consumed current maximum reference code according to EN 61346-2 P Lamp product component light source type of light source service life of LED 100 000 h design of the optical signal continuous light light intensity 6.68 cd light intensity 3.87 9.74 cd Enclosure height width 52 mm outer diameter of the signal column element material PC color dear fastening method protection class IP Ambient conditions ambient temperature during operation -20 +50 °C Certificates/ approvals	relative positive tolerance of the operating voltage	10 %	10 %		
reference code according to EN 61346-2 P Lamp product component light source	relative negative tolerance of the operating voltage	-10 %	0		
product component light source type of light source service life of LED 100 000 h design of the optical signal light intensity 6.68 cd light intensity 5.87 9.74 cd Enclosure height width 52 mm outer diameter of the signal column element material pc color fastening method protection class IP Ambient conditions ambient temperature during operation Yes Yes Yes Yes Yes Yes Yes Ye	consumed current maximum	40 m	A		
product component light source type of light source service life of LED 100 000 h design of the optical signal light intensity 6.68 cd light intensity 5.87 9.74 cd Enclosure height width 52 mm outer diameter of the signal column element material pc color fastening method protection class IP Ambient conditions ambient temperature during operation -20 +50 °C Certificates/approvals	reference code according to EN 61346-2	Р			
type of light source service life of LED 100 000 h design of the optical signal light intensity 6.68 cd light intensity 5.87 9.74 cd Enclosure height width 52 mm outer diameter of the signal column element material pc color fastening method protection class IP Ambient conditions ambient temperature during operation -20 +50 °C Certificates/ approvals	Lamp				
service life of LED design of the optical signal light intensity 6.68 cd light intensity 5.87 9.74 cd Enclosure height width 52 mm outer diameter of the signal column element material PC color fastening method protection class IP Ambient conditions ambient temperature during operation -20 +50 °C Certificates/ approvals	product component light source	Yes			
design of the optical signal light intensity 6.68 cd light intensity 3.87 9.74 cd Enclosure height 67 mm width 52 mm outer diameter of the signal column element material PC color clear fastening method protection class IP Ambient conditions ambient temperature during operation -20 +50 °C Certificates/ approvals	type of light source	LED	LED		
light intensity 6.68 cd light intensity 3.87 9.74 cd Enclosure height 67 mm width 52 mm outer diameter of the signal column element 50 mm material PC color clear fastening method Bayonet protection class IP IP54 Ambient conditions ambient temperature during operation -20 +50 °C Certificates/ approvals	service life of LED	100 (100 000 h		
light intensity 3.87 9.74 cd Enclosure height 67 mm width 52 mm outer diameter of the signal column element 50 mm material PC color clear fastening method Bayonet protection class IP Ambient conditions ambient temperature during operation -20 +50 °C Certificates/ approvals	design of the optical signal	conti	continuous light		
Enclosure height 67 mm width 52 mm outer diameter of the signal column element 50 mm material PC color clear fastening method Bayonet protection class IP IP54 Ambient conditions ambient temperature during operation -20 +50 °C Certificates/ approvals	light intensity	6.68	6.68 cd		
height 67 mm width 52 mm outer diameter of the signal column element 50 mm material PC color clear fastening method Bayonet protection class IP IP54 Ambient conditions ambient temperature during operation -20 +50 °C Certificates/ approvals	light intensity	3.87	3.87 9.74 cd		
width 52 mm outer diameter of the signal column element 50 mm material PC color clear fastening method Bayonet protection class IP IP54 Ambient conditions ambient temperature during operation -20 +50 °C Certificates/ approvals	Enclosure				
outer diameter of the signal column element material PC color clear fastening method protection class IP Ambient conditions ambient temperature during operation -20 +50 °C Certificates/ approvals	height	67 m	67 mm		
material PC color clear fastening method Bayonet protection class IP IP54 Ambient conditions ambient temperature during operation -20 +50 °C Certificates/ approvals	width	52 m	52 mm		
color fastening method Bayonet protection class IP IP54 Ambient conditions ambient temperature during operation -20 +50 °C Certificates/ approvals	outer diameter of the signal column element	50 m	50 mm		
fastening method protection class IP IP54 Ambient conditions ambient temperature during operation -20 +50 °C Certificates/ approvals	material	PC	PC		
protection class IP IP54 Ambient conditions ambient temperature during operation -20 +50 °C Certificates/ approvals	color	clear	clear		
Ambient conditions ambient temperature during operation -20 +50 °C Certificates/ approvals	fastening method	Bayo	Bayonet		
ambient temperature during operation -20 +50 °C Certificates/ approvals	protection class IP	IP54	IP54		
Certificates/ approvals	Ambient conditions				
	ambient temperature during operation	-20	. +50 °C		
General Product Approval EMC Declaration of Conformity	Certificates/ approvals				
	General Product Approval		EMC	Declaration of Conformity	

Confirmation











other

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=8WD4220-5AE

Cax online generator

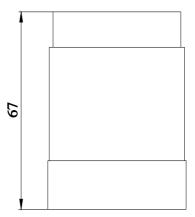
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=8WD4220-5AE

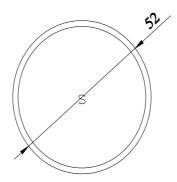
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

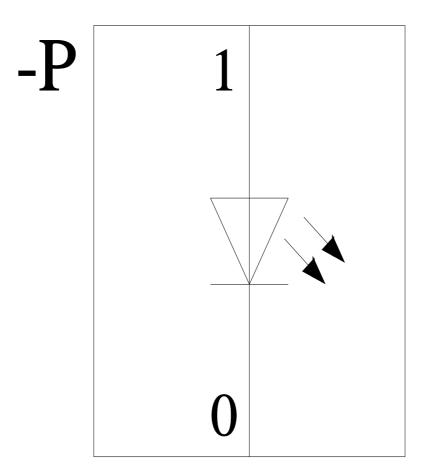
https://support.industry.siemens.com/cs/ww/en/ps/8WD4220-5AE

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=8WD4220-5AE&lang=en







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