SIEMENS

Data sheet

5SY4116-6-Z W07



Miniature circuit breaker 230/400 V 10kA, 1-pole, B, 16A, D=70 mm Multi-Unit Packaging (96 Stück)

Model					
product brand name	SENTRON				
product designation	Miniature circuit breaker				
General technical data					
number of poles	1				
design of pole	1P				
tripping characteristic class	В				
mechanical service life (operating cycles) typical	10 000				
overvoltage category	III				
degree of pollution	3				
Voltage					
type of voltage of the operating voltage	AC				
insulation voltage (Ui)					
 with single-phase operation at AC rated value 	440 V				
 with multi-phase operation at AC rated value 	440 V				
supply voltage with single-phase operation at AC rated value	230 V				
operational current					
• at 40 °C rated value	15.23 A				
• at 50 °C rated value	14.43 A				
• at 55 °C rated value	14 A				
• at 60 °C rated value	13.57 A				
 at AC rated value 	16 A				
Supply voltage					
supply voltage					
• at AC	400 V				
at DC rated value	60 V				
value range of the supply voltage frequency	50/60 Hz				
operating voltage at DC rated value maximum	72 V				
Protection class					
protection class IP	IP20, with connected conductors				
Breaking Capacity					
switching capacity current					
 at DC according to IEC 60947-2 rated value 	15 kA				
 according to EN 60898 rated value 	10 kA				
 according to IEC 60947-2 rated value 	20 kA				
energy limitation class	3				
Dissipation					
power loss [W] for rated value of the current at AC in hot operating state per pole	1.8 W				

Product failure took protection Yes product failure took protection Yes • concluse terminal bottom Yes • conclust ferminal bottom Yes Product ferminal bottom Yes Product function Sinn • conclust ferminal conclust ferminal bottom Yes Connectable conductor cross-section straded Off mm ²	suitability for operation	Infrastructure / Industry		
product component Yes product component Yes • contrained terminal too Yes • encert al control to Multimal Yes • encert al control to Multimal set/to Yes Yes • encert al control to Multimal set/to Yes Yes • encert al control installable supplementary devices Yes • encort action installable supplementary devices Yes Product Anterion Yes Product Control installable supplementary devices Yes Product Anterion Yes Product Control installable supplementary devices Yes Product Control control installable supplementary devices Yes Product Control control installable supplementary devices Yes Product Control control control installable supplementary devices Yes Product Control Controcos • inininum <		······································		
product somponent ves • combined forminal bottom Yes • combined forminal bottom Yes • comporters for main subcloss in accordance with EN Yes • comporters for main subcloss in accordance with EN Yes • comporters for main subcloss in accordance with EN Yes • conditioned formation subcloss in accordance with EN Yes • conditioned formation subcloss in accordance with EN Yes • conditioned formation subcloss in accordance with EN Yes • conditioned formation subcloss in accordance with EN Yes • conditioned formation subcloss in accordance with EN Yes • conditioned formation installable supplementary devices Yes • conditioned formation installable supplementary devices Yes • fordarce action installable supplementary devices Yes • fordarce acting condition or CSA C222 20 235 S Ad • contraction 0.75 mm² • contraction 0.75 mm² • contraction conselection stranded 0.75 mm² • contraction conselection stranded with 0.75 mm² • contraction 20 mm² • contraction		Yes		
• constrict formal bothYes• constrict formal bothYes• sourcells formal subthes in accordance with ENYes• diadon freeYes• allogenfreeYes• allogenfreeYes<	· · · · · · · · · · · · · · · · · · ·			
• control terminal buttomYes• netratic advicator switchingNo• product featureYes• product featureYes• product featureYes• calculation frameYes• calculation frameYes• calculation frameYes• calculation frameYes• calculation frameYes• calculation frameYesproduct calculations installable supplementary devicesYesproduct function4• calculationsItel (Yes)product calculationsItel (Yes)stort cloculItel (Yes)• calculationsStall• calculationsStall <trr>• calculation seletionStall<td></td><td>Yes</td></trr>		Yes		
neural conductor subtimingNoproduct featureYes+ 2004-1 for main switches in accordance with ENYes+ 2004-1 for main switches in accordance with ENYes+ 2004 tractableYes+ 2004 tractableYes> constableYes> maximumYes> constableYes> maximumYes> maximumYes <t< td=""><td></td><td></td></t<>				
product feature • yoursetting formal witches in accordance with EN Yes • balagen-free Yes • action-free Yes Product extension installable supplementary devices Yes Product function • st values setting current (II) for I-tripping 4 • reference value setting current (II) for I-tripping 5 NA Connectable Conductor cross-section sold • • infimum 0.75 mm ² • infimum 25 mm ² • infimum 25 mm ² • infimum 13 • infimum 14 • infimum 25 lbfin • infimum 35 lbfin • infimum 13 • infimum 25 lbfin • infimum 35 lbfin </td <td></td> <td></td>				
• mompaties for main subthes in accordance with EN Yes • biologen: free Yes • stable Yes • alloch-free Yes • alloch-free Yes • alloch-free Yes • alloch-free Yes product demoin installable supplementary devices Yes product demoin installable supplementary devices Yes et values setting current (II) for I-tripping 4 * aft According but 1:177 and CSA (C22 2N 0.25 5 KA Connectable conductor cross-section solid - • infinitum 0.76 mm² • infinitum 1.8 • infinitum 2.5 km • infinitum	· · · · · · · · · · · · · · · · · · ·			
• soluble Yes • roduct extension installable supplementary devices Yes Product function ************************************	 properties for main switches in accordance with EN 	Yes		
• alicon-free Yes product actension installable supplementary devices Yes set values setting current (11) for 1-tripping 4 set values setting current (11) for 1-tripping ×1n Short-circuit Short-circuit Short-circuit Short-circuit Short-circuit U1077 and CSA C22 2 No.235 5 kA Connectable conductor cross-section solid - - minimum 0.75 mm² - minimum 18 - minimum 18 - minimum 18 - minimum 19 - minimimum 25 km	 halogen-free 	Yes		
product extension installable supplementary devices Yes Product function	• sealable	Yes		
Product function 4 set values setting current (ii) for I-tripping x in Short circuit current breaking capacity (icn) • • at AC according to UL 1077 and CSA C22.2 No 225 5 kA Connectable conductor cross-section solid • • minimum 0.75 mm² • maximum 0.75 mm² • minimum 2 birin • minimum 2 birin • minimum 2 birin • minimum 3 birin • minimum 2 birin • minimum 3 birin • minimum 2 birin • minimum 3 birin <t< td=""><td>• silicon-free</td><td>Yes</td></t<>	• silicon-free	Yes		
set values setting current (ii) for I-tripping 4 reference value setting current (ii) for I-tripping × in short-circuit short-circuit short-circuit current breaking capacity (ion) • • at AC according to UL 1077 and CSA C22.2 No 235 5 kA Connections Connections connections 0.75 mm² connections conductor cross-section finely stranded with 0.75 mm² e-maximum 0.75 mm² e-minimum 0.75 mm² e-minimum 0.75 mm² e-minimum 0.75 mm² e-minimum 2.5 mm² e-minimum 18 e-maximum 4 tightening torque (Ibf-in) with screw-type terminals e-minimum 2.5 k·m e-minimum 3.5 N·m e-maximum 3.5 N·m e-minimum 3.5 N·m e-minimum	product extension installable supplementary devices	Yes		
reference value setting current (ii) for I-Hipping x in Short-circuit short-circuit current bracking capacity (ion) stack according to UL 1077 and CSA C22.2 No 235 Short-circuit current bracking capacity (ion) stack according to UL 1077 and CSA C22.2 No 235 5 kA Connectable conductor cross-section solid Connectable conductor cross-section stranded 0.75 mm² • minimum 0.75 mm² amschum • minimum 18 amschum atmachum • minimum 18 atmachum atmachum • minimum 3.5 km atmachum atmachum<	Product function			
Short circuit short circuit current breaking capacity (ton) et AC according to UL 1077 and CSA C22.2 No.235 connectable conductor cross-section solid iminimum iminimum<	set values setting current (li) for I-tripping	4		
short-circuit current breaking capacity (Icn) 5 KA e at AC according to UL 1077 and CSA C22.2 No.235 5 KA connectable conductor cross-section solid 0.75 mm² maximum 0.75 mm² connectable conductor cross-section stranded 0.75 mm² minimum 0.75 mm² emaximum 0.75 mm² connectable conductor cross-section finely stranded with core and processing 0.75 mm² emaximum 25 mm² WG number as coded connectable conductor cross section 0.75 mm² emaximum 25 mm² WKG number as coded connectable conductor cross section 18 emaximum 4 tightening torque (lbf-in) with screw-type terminals 21 bitin emaximum 31 bitin tightening torque with screw-type terminals 10 bitin emaximum 3.5 N m position of power supply cord Any Mechanical Design 90 mm width 18 mm depth 70 mm number of modular width units 1 tastening method any mounting position any entraing method </td <td>reference value setting current (li) for I-tripping</td> <td>x In</td>	reference value setting current (li) for I-tripping	x In		
e + AC according to UL 1077 and CSA C22.2 No.235 5 kA Connectable conductor cross-section standed 0.75 mm² • maximum 18 • maximum 31 UFin • maximum 3.5 N m • maximum 1				
e + AC according to UL 1077 and CSA C22.2 No.235 5 kA Connectable conductor cross-section standed 0.75 mm² • maximum 18 • maximum 31 UFin • maximum 3.5 N m • maximum 1	short-circuit current breaking capacity (lcn)			
Connectable conductor cross-section solid 0.75 mm² • maimum 35 mm² connectable conductor cross-section stranded 0.75 mm² • maimum 0.75 mm² • connectable conductor cross-section finely stranded with 0.75 mm² • connectable conductor cross-section finely stranded with 0.75 mm² • connectable conductor cross-section finely stranded with 0.75 mm² • connectable conductor cross-section finely stranded with 0.75 mm² • maximum 25 mm² AWG number as coded connectable conductor cross section 18 • maximum 18 • maximum 21 lofin • maximum 35 Nm² • minimum 18 frin • maximum 3.5 N m • maximum 3.5 N m • maximum 3.5 N m • position of power supply cord Any Mechanical Design 90 mm width 18 mm installation depth 70 mm number of modular width units 1 fastening method Quick assembly system mounting position any environmental conditions 1		5 kA		
connactable conductor cross-section solid 0.75 mm² imaimum 0.75 mm² connactable conductor cross-section stranded 0.75 mm² imaimum 0.75 mm² connactable conductor cross-section finely stranded with core and processing 0.75 mm² imaimum 0.75 mm² imaimum 0.75 mm² imainum 2 lbfin imainum 2 lbfin imainum 2 lbfin imainum 3.5 Nm postion of power supply cord Any Mechanical Design 00 mm height 90 mm ivith 18 mm installation depth 76 mm installation depth 70 mm number of modular width units 1 fastening method Quick assembly system				
• maximum 35 mm² connectable conductor cross-section stranded 0.75 mm² • maximum 35 mm² connectable conductor cross-section finely stranded with core end processing 0.75 mm² • minimum 0.75 mm² • maximum 25 mm² • maximum 25 mm² • More and processing 25 mm² • maximum 25 mm² • minimum 18 • maximum 4 tightening torque [lbf+in] with screw-type terminals 11 lbf-in • minimum 35 N-m • maximum 35 N-m • maximum 35 N-m • position of power supply ord Any Mechanical Design 90 mm width 18 mm dopth 76 mm installation depth 70 mm number of modular width units 1 fastening method Quick assembly system mounting position any new sintum -40 °C • wintum -40 °C • maximum -40 °C				
• maximum 35 mm² connectable conductor cross-section stranded 0.75 mm² • maximum 35 mm² connectable conductor cross-section finely stranded with core end processing 0.75 mm² • minimum 0.75 mm² • maximum 25 mm² • maximum 25 mm² • More and processing 25 mm² • maximum 25 mm² • minimum 18 • maximum 4 tightening torque [lbf+in] with screw-type terminals 11 lbf-in • minimum 35 N-m • maximum 35 N-m • maximum 35 N-m • position of power supply ord Any Mechanical Design 90 mm width 18 mm dopth 76 mm installation depth 70 mm number of modular width units 1 fastening method Quick assembly system mounting position any new sintum -40 °C • wintum -40 °C • maximum -40 °C		0.75 mm²		
connectable conductor cross-section stranded 0.75 mm² • maximum 0.75 mm² • maximum 35 mm² connectable conductor cross-section finely stranded with core end processing 0.75 mm² • maximum 26 mm² • MVG number as coded connectable conductor cross section 18 • maximum 4 • tightoning torque [th/in] with screw-type terminals 21 br/in • minimum 18 • maximum 22 lb/in • maximum 21 br/in • maximum 22 lb/in • maximum 25 N-m • maximum 2.5 N-m • maximum 3.5 N-m • polition of power supply cord Any Mechanical Design 90 mm width 18 mm depth 76 mm installation depth 70 mm number of modular width units 1 1 fastening method mounting position any motiveright 100 g Er/vironmetial conditions 1 fastening method Quick assembly system mounting position any e maximum 70 °C ambient temperature during operation -40 °C • minimum -40 °C </td <td></td> <td></td>				
• maximum 35 mm ² connectable conductor cross-section finely stranded with core end processing • maximum 0.75 mm ² • maximum 25 mm ² • maximum 25 mm ² • maximum 25 mm ² • minimum 18 • maximum 4 tightening torque (lbf-in) with screw-type terminals - • minimum 22 lbf-in • maximum 31 lbf-in tightening torque with screw-type terminals - • minimum 2.5 N-m • minimum 3.5 N-m • maximum 3.5 N-m position of power supply cord Any Mechanical Design - height 90 mm width 18 mm depth 76 mm installation depth 70 mm number of modular width units 1 fastening method Quick assembly system mounting position any net weight 130 g Environmental conditions ±EC / EN 6098-1, IEC / EN 60947-2 / UL1077 wibratin t	connectable conductor cross-section stranded			
• maximum 35 mm² connectable conductor cross-section finely stranded with core end processing 75 mm² • maximum 25 mm² • maximum 25 mm² • Moritame as coded connectable conductor cross section 75 mm² • minimum 18 • maximum 4 tightening torque [lbf·in] with screw-type terminals 7 • minimum 22 lbf·in • maximum 31 lbF·in tightening torque with screw-type terminals 7 • maximum 2.5 N m • maximum 3.5 N·m position of power supply cord Any Mechanical Dosign 90 mm width 18 mm depth 70 mm installation depth 70 mm number of modular width units 1 fastening method Quick assembly system munting position any entridght 130 g Environmental conditions 110 mat 5 to 25Hz; 50m/s² at 25 to 150Hz ambient temperature during storage 40 °C • innimum <t< td=""><td></td><td>0.75 mm²</td></t<>		0.75 mm ²		
core end processing 0.75 mm ³ • maximum 25 mm ³ AWC number as coded connectable conductor cross section 18 • maximum 18 • ininimum 18 • ininimum 2 Ibfin • ininimum 2 Ibfin • maximum 31 Ibfin • maximum 31 Ibfin • maximum 3.5 N·m • maximum 3.5 N·m • maximum 3.5 N·m • bight 90 mm width 18 mm depth 76 mm installation depth 70 mm number of modular width units 1 fastening method Quick assembly system mounting position any net weight 130 g Environmental conditions 1 fastening method Quick assembly system mounting position any net weight 10 g Environmental conditions 1 fastening method 10 C inimimum 40 °C inimimum 6		35 mm ²		
• maximum 25 mm ² AWG number as coded connectable conductor cross section - • minimum 18 • maximum 4 tightening torque [lbrin] with screw-type terminals - • minimum 22 lbrin • maximum 31 lbrin tightening torque with screw-type terminals - • minimum 2.5 N-m • maximum 3.5 N-m position of power supply cord Any Mechanical Design - height 90 mm width 18 mm depth 76 mm Installation depth 70 mm number of modular width units 1 fastening method Quick assembly system mounting position any ret weight 130 g Environmental conditions + standard IEC / EN 60898-1, IEC / EN 60947-2 / UL1077 vibration resistance according to IEC 60069-2-6 ±1mm at 5 to 25Hz; 50m/s ² at 25 to 150Hz ambient temperature during operation - • minimum 70 °C ambient temperature during storage + <				
AWG number as coded connectable conductor cross section minimum maximum tightening torque [lbf.in] with screw-type terminals minimum 22 lbf.in maximum 31 lbf.in tightening torque with screw-type terminals minimum 22 lbf.in minimum 25 N m maximum or maximum 3.5 N m position of power supply cord Any Mechanical Design 90 mm height 90 mm width 18 mm depth 76 mm fmm	• minimum	0.75 mm ²		
section 18 • minimum 4 tightening torque [lbf-in] with screw-type terminals 22 lbf-in • maximum 31 lbF-in tightening torque with screw-type terminals 22 lbf-in • maximum 31 lbF-in tightening torque with screw-type terminals 5.5 N-m • minimum 2.5 N-m • maximum 3.5 N-m • maximum 3.6 N-m • maximum 1.6 maximum • fastening method Quick assembly system • mounting position any • not sition resistance according to IEC 60068-2-6 ±1m at 5 to 25Hz; 50m/s² at 25 to 150Hz <	• maximum	25 mm ²		
• minimum 18 • maximum 4 tightening torque [lbf-in] with screw-type terminals 22 lbf-in • maximum 31 lbF, in tightening torque with screw-type terminals - • minimum 2.5 N-m • maximum 3.5 N-m • position of power supply cord Any Mechanical Design - height 90 mm width 18 mm depth 76 mm installation depth 70 mm number of modular width units 1 fastening method Quick assembly system mounting position any net weight 130 g Environmental conditions 40 °C emaximum 40 °C emaximum 70 °C ambient temperature during storage 40 °C • minimum 40 °C • maximum 70 °C ambient temperature during storage 40 °C • minimum 40 °C • minimum 40 °C • maximum 75 °C • maximum 6				
• maximum 4 tightening torque [lbf-in] with screw-type terminals 2 • minimum 22 lbf-in • maximum 31 lbf-in tightening torque with screw-type terminals 1 • minimum 2.5 N·m • maximum 3.5 N·m position of power supply cord Any Mechanical Design Mechanical Design height 90 mm width 18 mm depth 76 mm installation depth 70 mm number of modular width units 1 fastening method Quick assembly system mounting position any net weight 130 g Environmental conditions ±1mm at 5 to 25Hz; 50m/s² at 25 to 150Hz ambient temperature during operation -40 °C • minimum -40 °C • minimum -40 °C • minimum -40 °C • minimum -40 °C • maximum 75 °C • minimum -40 °C • maximum -40 °C		40		
tightening torque [lbf-in] with screw-type terminals 22 lbf-in • maximum 31 lbf-in tightening torque with screw-type terminals 5.5 N-m • minimum 2.5 N-m • maximum 3.5 N-m position of power supply cord Any Mechanical Dasign				
 minimum 22 lbf-in maximum 31 lbf-in tightening torque with screw-type terminals minimum 2.5 N·m maximum 3.5 N·m position of power supply cord Any Mechanical Design height 90 mm width 18 mm depth 76 mm installation depth 70 mm number of modular width units 1 fastening method Quick assembly system mounting position any net weight 130 g Environmental conditions standard iEC / EN 60898-1, IEC / EN 60947-2 / UL 1077 vibration resistance according to IEC 60068-2-6 ±1mm at 5 to 25Hz; 50m/s^a at 25 to 150Hz ambient temperature during operation minimum -40 °C maximum 70 °C ambient temperature during storage minimum -40 °C maximum 75 °C number of test cycles for environmental testing according 6 		4		
• maximum 31 lbFin tightening torque with screw-type terminals . • minimum 2.5 N·m • maximum 3.5 N·m position of power supply cord Any Mechanical Design . height 90 mm width 18 mm depth 76 mm installation depth 70 mm number of modular width units 1 fastening method Quick assembly system mounting position any net weight 130 g Environmental conditions ±1cc / EN 60898-1, IEC / EN 60947-2 / UL1077 vibration resistance according to IEC 60068-2-6 ±1mm at 5 to 25Hz; 50m/s² at 25 to 150Hz ambient temperature during operation -40 °C • minimum -40 °C • maximum 70 °C ambient temperature during storage - • minimum -40 °C • maximum 75 °C number of test cycles for environmental testing according 6		22 lbf in		
tightening torque with screw-type terminals 2.5 N·m • minimum 3.5 N·m • maximum 3.5 N·m position of power supply cord Any Mechanical Design 90 mm height 90 mm width 18 mm depth 76 mm installation depth 70 mm number of modular width units 1 fastening method Quick assembly system mounting position any net weight 130 g Environmental conditions 1 standard IEC / EN 60898-1, IEC / EN 60947-2 / UL1077 vibration resistance according to IEC 60068-2-6 ±1mm at 5 to 25Hz; 50m/s ^a at 25 to 150Hz ambient temperature during operation -40 °C • maximum 70 °C ambient temperature during storage -40 °C • minimum -40 °C • maximum 75 °C number of test cycles for environmental testing according 6				
 minimum 2.5 N·m maximum 3.5 N·m position of power supply cord Any Mechanical Design height 90 mm width 18 mm depth 76 mm installation depth 70 mm number of modular width units 1 fastening method Quick assembly system mounting position any net weight 130 g Environmental conditions standard tEC / EN 60898-1, IEC / EN 60947-2 / UL1077 vibration resistance according to IEC 60068-2-6 standard ter winnum -40 °C maximum 70 °C ambient temperature during storage minimum -40 °C maximum 75 °C number of test cycles for environmental testing according 6 				
• maximum3.5 N·mposition of power supply cordAnyMechanical Design90 mmheight90 mmwidth18 mmdepth76 mminstallation depth70 mmnumber of modular width units1fastening methodQuick assembly systemmounting positionanynet weight130 gEnvironmental conditions±1mm at 5 to 25Hz; 50m/s² at 25 to 150HzstandardIEC / EN 60898-1, IEC / EN 60947-2 / UL1077vibration resistance according to IEC 60068-2-6±1mm at 5 to 25Hz; 50m/s² at 25 to 150Hzambient temperature during operation-40 °C• minimum-40 °C• maximum75 °Cnumber of test cycles for environmental testing according6				
position of power supply cord Any Mechanical Design 90 mm width 18 mm depth 76 mm installation depth 70 mm number of modular width units 1 fastening method Quick assembly system mounting position any net weight 130 g Environmental conditions EC / EN 60898-1, IEC / EN 60947-2 / UL1077 vibration resistance according to IEC 60068-2-6 ±1mm at 5 to 25Hz; 50m/s² at 25 to 150Hz ambient temperature during operation -40 °C • maximum 70 °C ambient temperature during storage -40 °C • minimum -40 °C • minimum -40 °C • maximum 75 °C number of test cycles for environmental testing according 6				
Mechanical Design height 90 mm width 18 mm depth 76 mm installation depth 70 mm number of modular width units 1 fastening method Quick assembly system mounting position any net weight 130 g Environmental conditions IEC / EN 60898-1, IEC / EN 60947-2 / UL1077 vibration resistance according to IEC 60068-2-6 ±1mm at 5 to 25Hz; 50m/s² at 25 to 150Hz ambient temperature during operation -40 °C • minimum -40 °C • minimum -40 °C • minimum -40 °C • maximum 75 °C number of test cycles for environmental testing according 6				
height 90 mm width 18 mm depth 76 mm installation depth 70 mm number of modular width units 1 fastening method Quick assembly system mounting position any net weight 130 g Environmental conditions 1 standard IEC / EN 60898-1, IEC / EN 60947-2 / UL1077 vibration resistance according to IEC 60068-2-6 ±1mm at 5 to 25Hz; 50m/s² at 25 to 150Hz ambient temperature during operation -40 °C • minimum -40 °C • maximum 70 °C ambient temperature during storage -40 °C • minimum -40 °C • maximum 75 °C number of test cycles for environmental testing according 6		Апу		
width 18 mm depth 76 mm installation depth 70 mm number of modular width units 1 fastening method Quick assembly system mounting position any net weight 130 g Environmental conditions EC / EN 60898-1, IEC / EN 60947-2 / UL1077 vibration resistance according to IEC 60068-2-6 ±1mm at 5 to 25Hz; 50m/s² at 25 to 150Hz ambient temperature during operation -40 °C • minimum -40 °C • maximum 70 °C ambient temperature during storage -40 °C • minimum -40 °C • maximum 75 °C number of test cycles for environmental testing according 6		00 mm		
depth 76 mm installation depth 70 mm number of modular width units 1 fastening method Quick assembly system mounting position any net weight 130 g Environmental conditions standard standard IEC / EN 60898-1, IEC / EN 60947-2 / UL1077 vibration resistance according to IEC 60068-2-6 ±1mm at 5 to 25Hz; 50m/s² at 25 to 150Hz ambient temperature during operation -40 °C • maximum 70 °C ambient temperature during storage -40 °C • minimum -40 °C • minimum -40 °C • minimum -40 °C • maximum 75 °C number of test cycles for environmental testing according 6				
installation depth 70 mm number of modular width units 1 fastening method Quick assembly system mounting position any net weight 130 g Environmental conditions standard IEC / EN 60898-1, IEC / EN 60947-2 / UL1077 vibration resistance according to IEC 60068-2-6 ±1mm at 5 to 25Hz; 50m/s² at 25 to 150Hz ambient temperature during operation -40 °C • maximum 70 °C ambient temperature during storage -40 °C • minimum -40 °C • maximum 75 °C number of test cycles for environmental testing according 6				
number of modular width units 1 fastening method Quick assembly system mounting position any net weight 130 g Environmental conditions IEC / EN 60898-1, IEC / EN 60947-2 / UL1077 vibration resistance according to IEC 60068-2-6 ±1mm at 5 to 25Hz; 50m/s² at 25 to 150Hz ambient temperature during operation -40 °C • maximum 70 °C ambient temperature during storage -40 °C • minimum -40 °C • maximum 75 °C number of test cycles for environmental testing according 6	•			
fastening method Quick assembly system mounting position any net weight 130 g Environmental conditions IEC / EN 60898-1, IEC / EN 60947-2 / UL1077 standard IEC / EN 60898-1, IEC / EN 60947-2 / UL1077 vibration resistance according to IEC 60068-2-6 ±1mm at 5 to 25Hz; 50m/s² at 25 to 150Hz ambient temperature during operation -40 °C • maximum 70 °C ambient temperature during storage -40 °C • minimum -40 °C • maximum 75 °C number of test cycles for environmental testing according 6	•			
mounting position any net weight 130 g Environmental conditions IEC / EN 60898-1, IEC / EN 60947-2 / UL1077 standard IEC / EN 60898-1, IEC / EN 60947-2 / UL1077 vibration resistance according to IEC 60068-2-6 ±1mm at 5 to 25Hz; 50m/s² at 25 to 150Hz ambient temperature during operation -40 °C • minimum -40 °C • maximum 70 °C ambient temperature during storage -40 °C • minimum -40 °C • minimum 70 °C ambient temperature during storage 6				
net weight 130 g Environmental conditions IEC / EN 60898-1, IEC / EN 60947-2 / UL1077 standard IEC / EN 60898-1, IEC / EN 60947-2 / UL1077 vibration resistance according to IEC 60068-2-6 ±1mm at 5 to 25Hz; 50m/s² at 25 to 150Hz ambient temperature during operation -40 °C • minimum -40 °C • maximum 70 °C ambient temperature during storage -40 °C • minimum -40 °C • minimum -40 °C • maximum 75 °C number of test cycles for environmental testing according 6				
Environmental conditions standard IEC / EN 60898-1, IEC / EN 60947-2 / UL1077 vibration resistance according to IEC 60068-2-6 ±1mm at 5 to 25Hz; 50m/s² at 25 to 150Hz ambient temperature during operation -40 °C • minimum -40 °C • maximum 70 °C ambient temperature during storage -40 °C • minimum -40 °C • minimum -40 °C • minimum -40 °C • minimum -40 °C • moximum 6				
standard IEC / EN 60898-1, IEC / EN 60947-2 / UL1077 vibration resistance according to IEC 60068-2-6 ±1mm at 5 to 25Hz; 50m/s² at 25 to 150Hz ambient temperature during operation -40 °C • maximum 70 °C ambient temperature during storage -40 °C • minimum -40 °C • minimum 70 °C ambient temperature during storage -40 °C • minimum -40 °C • maximum 6	-			
vibration resistance according to IEC 60068-2-6 ±1mm at 5 to 25Hz; 50m/s² at 25 to 150Hz ambient temperature during operation -40 °C • maximum 70 °C ambient temperature during storage -40 °C • minimum -40 °C • minimum 70 °C ambient temperature during storage -40 °C • minimum -40 °C • maximum 75 °C number of test cycles for environmental testing according 6		IEC / EN 60898-1 IEC / EN 60947-2 / III 1077		
ambient temperature during operation -40 °C • minimum -40 °C • maximum 70 °C ambient temperature during storage -40 °C • minimum -40 °C • minimum -40 °C • maximum 75 °C number of test cycles for environmental testing according 6				
 minimum -40 °C maximum 70 °C ambient temperature during storage minimum -40 °C maximum 75 °C number of test cycles for environmental testing according 6 		2 mm at 0 to 2012, 00120 at 20 to 10012		
• maximum 70 °C ambient temperature during storage -40 °C • minimum -40 °C • maximum 75 °C number of test cycles for environmental testing according 6		-40 °C		
ambient temperature during storage -40 °C • minimum -40 °C • maximum 75 °C number of test cycles for environmental testing according 6				
minimum -40 °C maximum 75 °C number of test cycles for environmental testing according 6				
• maximum 75 °C number of test cycles for environmental testing according 6		-40 °C		
number of test cycles for environmental testing according 6				

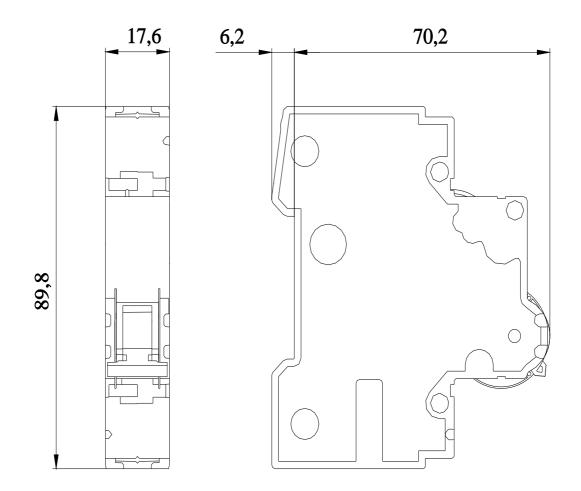
Environmental footprint						
Environmental Product Declaration(EPD)		Yes				
global warming potential [CO2 eq] total		13.3 kg				
global warming potential [CO2 eq] during manufacturing		0.713 kg				
global warming potential [CO2 eq] during operation		12.7 kg				
global warming potential	global warming potential [CO2 eq] after end of life		-0.062 kg			
Approvals Certificates						
General Product Appro	oval		other		Railway	
<u>Confirmation</u>	<u>Miscellaneous</u>	EHC	<u>Miscellaneous</u>	<u>Confirmation</u>	<u>Confirmation</u>	
Environment						
Environmental Con- firmations	EPD	Environmental (firmations	<u>Con-</u>			
Further information						

Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/lowvoltage/catalogs Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SY4116-6-Z W07 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/5SY4116-6-Z W07 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SY4116-6-Z W07

CAx-Online-Generator http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications



last modified:

3/12/2024 🖸