SIEMENS

Data sheet

6GK5992-2GA00-8FA0

product type designation product description

MM992-2CUC

XR-300 media module

SCALANCE X accessory; Media module MM992-2CUC; 2x 10/100/1000 Mbit/s RJ45 ports, electrical; with securing collar Conformal coating



number of electrical connections / for network components or terminal equipment / maximum 2 number of electrical connections 2 number of electrical connections 2 number of electrical connections 2 of network components or terminal equipment / maximum 2 number of 10/100/1000 Mbit/s RJ45 ports 2 type of electrical connection 2 of or network components or terminal equipment RJ45 ambient conditions -40 +70 °C ambient temperature -40 +85 °C • during transport -40 +85 °C relative humidity / at 25 °C / without condensation / during operation / maximum 95 % portection class IP IP20 design Media module with retaining collar width 60 mm height 22 mm depth 100 mm net weight 0.08 kg product feature / conformal coating Yes fastening method iatched • for hazardous zone FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4 • for hazardous zone / from CSA and UL	interfaces	
• for network components or terminal equipment / maximum 2 number of 10/100/1000 Mbit/s RJ45 ports 2 type of electrical connection RJ45 ambient conditions RJ45 ambient temperature -40 +70 °C - during operation -40 +85 °C - during transport -40 +85 °C relative humitity / at 25 °C / without condensation / during operation / maximum 95 % protection class IP IP20 design Media module with retaining collar width 60 mm height 22 mm deeign Yes fastening method latched • Installation in media module slot Yes standard • for FM • for hazardous zone EN 60078-0.2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X • for hazardous zone / from CSA and UL UL 60950-1, CSA C22.2 No. 60950-1 • for hazardous zone / from CSA and UL UL 60950-1, CSA C22.2 No. 60950-1		2
maximum number of 10/100/1000 Mbit/s RJ45 ports 2 type of electrical connection • for network components or terminal equipment RJ45 ambient conditions ambient conditions -40 +70 °C • during operation -40 +70 °C -40 +85 °C • during storage -40 +85 °C -40 +85 °C • during storage -40 +85 °C -40 +85 °C • during transport -40 +85 °C -40 +85 °C relative humidity / at 25 °C / without condensation / during operation / maximum 95 % -000000000000000000000000000000000000	number of electrical connections	
type of electrical connection • for network components or terminal equipment ambient conditions adving operation -40 +70 °C -40 +85 °C -40 +85 °C -40 +85 °C -41 +85 °C -42 +85 °C -43 +85 °C -44 +85 °C -45 °C -45 °C -70 +85 °C -44 +85 °C -45 °C -71 °C -40 +85 °C -40 +85 °C -40 +85 °C -71 °C -40 +85 °C -72 °C -72 °C -74 °C -74 °C -75 °C -75 °C -76 °C -77 °C -77 °C -77 °C -77 °C -77 °C <td></td> <td>2</td>		2
• for network components or terminal equipment R.45 ambient conditions ambient temperature -40 +70 °C • during operation -40 +70 °C -40 +85 °C • during transport -40 +85 °C -40 +85 °C relative humidity / at 25 °C / without condensation / during operation / maximum 95 % -95 % protection class IP IP20 -40 +85 °C design Media module with retaining collar -40 +85 °C width 60 mm -60 mm -60 mm height 22 mm -60 mm -60 mm design Media module with retaining collar -60 mm width 60 mm -60 mm -60 mm height 0.08 kg -70 °C -70 °C design Media module with retaining collar -70 °C -70 °C design Media module with retaining collar -70 °C -70 °C design Media module with retaining collar -70 °C -70 °C design 0.08 kg -70 °C -70 °C -70 °C standards, spe	number of 10/100/1000 Mbit/s RJ45 ports	2
ambient conditions ambient temperature • during operation • during storage • during transport relative humidity / at 25 °C / without condensation / during operation / maximum protection class IP gesign Media module with retaining collar design, dimensions and weights design Media module with retaining collar width 60 mm height 22 mm depth 0.08 kg product feature / conformal coating Yes standards, specifications, approvals standards FM3811: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4 for FM for safety / from CSA and UL for hazardous zone / from CSA and UL UL 1604 and UL 2279-15 (Hazardous Location), CSA C22.2 No. 213-M1987, Class 1 / Zone 2 / Group IIC / T4 	type of electrical connection	
ambient temperature -40 +70 °C • during operation -40 +85 °C • during transport -40 +85 °C • during transport -40 +85 °C relative humidity / at 25 °C / without condensation / during operation / maximum 95 % portection class IP IP20 design Media module with retaining collar width 60 mm height 22 mm depth 100 mm net weight 0.08 kg product feature / conformal coating Yes fastening method latched • for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4 • for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X • for hazardous zone / from CSA and UL UL 60950-1, CSA C22.2 No. 60950-1 • for hazardous zone / from CSA and UL UL 60950-1, CSA C22.2 No. 60950-1 • for hazardous zone / from CSA and UL UL 60950-1, CSA C22.2 No. 60950-1 • for hazardous zone / from CSA and UL UL 1604 and UL 227-15 (Hazardous Location), CSA C22.2 No. 213-M1987, Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4	 for network components or terminal equipment 	RJ45
• during operation -40 +70 °C • during storage -40 +85 °C • during transport -40 +85 °C relative humidity / at 25 °C / without condensation / during operation / maximum 95 % portection class IP IP20 design, dimensions and weights 96 % design, dimensions and weights 0 mm design Media module with retaining collar width 60 mm height 22 mm depth 100 mm net weight 0.08 kg product feature / conformal coating Yes fastening method latched • installation in media module slot Yes standard • for FM • for hazardous zone FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4 • for hazardous zone EM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4 • for hazardous zone / from CSA and UL UL 60950-1, CSA C22.2 No. 60950-1 • for hazardous zone / from CSA and UL UL 60950-1, CSA C22.2 No. 213-M1987, Class 1 / Zone 2 / Group IIC / T4	ambient conditions	
• during storage -40 +85 °C • during transport -40 +85 °C • during transport -40 +85 °C relative humidity / at 25 °C / without condensation / during operation / maximum 95 % protection class IP IP20 design, dimensions and weights design, dimensions and weights design, dimensions and weights 60 mm height 22 mm depth 100 mm net weight 0.08 kg product feature / conformal coating Yes fastening method latched • installation in media module slot Yes standard for FM • for hazardous zone EN 80079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X ult 60950-1, CSA C22.2 No. 60950-1 UL 1604 and UL 2279-15 (Hazardous Location), CSA C22.2 No. 213-M1987, Class 1 / Zone 2 / Group IIC / T4	ambient temperature	
• during transport -40 +85 °C relative humidity / at 25 °C / without condensation / during operation / maximum 95 % protection class IP IP20 design, dimensions and weights 60 mm design Media module with retaining collar width 60 mm height 22 mm depth 100 mm net weight 0.08 kg product feature / conformal coating Yes fastening method latched • installation in media module slot Yes standards, specifications, approvals Standard • for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4 • for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X • for hazardous zone / from CSA and UL UL 60950-1, CSA C22.2 No. 60950-1 • for hazardous zone / from CSA and UL UL 60950-1, CSA C22.2 No. 60950-1 • for hazardous zone / from CSA and UL UL 604 and UL 2279-15 (Hazardous Location), CSA C22.2 No. 213-M1987, Class 1 / Zone 2 / Group IIC / T4	 during operation 	-40 +70 °C
relative humidity / at 25 °C / without condensation / during operation / maximum 95 % protection class IP IP20 design Media module with retaining collar design Media module with retaining collar width 60 mm height 22 mm depth 100 mm net weight 0.08 kg product feature / conformal coating Yes fastening method latched • installation in media module slot Yes standards, specifications, approvals standard standard for FM • for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X • for hazardous zone / from CSA and UL UL 60950-1, CSA C22.2 No. 60950-1 • for hazardous zone / from CSA and UL UL 1604 and UL 2279-15 (Hazardous Location), CSA C22.2 No. 213-M174, Class 1 / Zone 2 / Group IIC / T4	 during storage 	-40 +85 °C
operation / maximum protection class IP design, dimensions and weights design Media module with retaining collar width 60 mm height 22 mm depth 100 mm net weight 0.08 kg product feature / conformal coating Yes fastening method latched • installation in media module slot Yes standards, specifications, approvals standard standard for FM • for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X • for hazardous zone / from CSA and UL UL 60950-1 • for hazardous zone / from CSA and UL UL 1604 and UL 2279-15 (Hazardous Location), CSA C22.2 No. 213-M1987, Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4	during transport	-40 +85 °C
design, dimensions and weights design Media module with retaining collar width 60 mm height 22 mm depth 100 mm net weight 0.08 kg product feature / conformal coating Yes fastening method latched • installation in media module slot Yes standards, specifications, approvals standard • for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4 • for safety / from CSA and UL UL 60950-1, CSA C22.2 No. 60950-1 • for hazardous zone / from CSA and UL UL 1604 and UL 2279-15 (Hazardous Location), CSA C22.2 No. 213-M1987, Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4		95 %
design Media module with retaining collar width 60 mm height 22 mm depth 100 mm net weight 0.08 kg product feature / conformal coating Yes fastening method latched • installation in media module slot Yes standards, specifications, approvals standard • for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4 • for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X • for safety / from CSA and UL UL 60950-1, CSA C22.2 No. 60950-1 • for hazardous zone / from CSA and UL UL 1604 and UL 2279-15 (Hazardous Location), CSA C22.2 No. 213-M1987, Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4	protection class IP	IP20
width 60 mm height 22 mm depth 100 mm net weight 0.08 kg product feature / conformal coating Yes fastening method latched • installation in media module slot Yes standards, specifications, approvals Yes standard for FM • for hazardous zone FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4 • for safety / from CSA and UL UL 60950-1, CSA C22.2 No. 60950-1 • for hazardous zone / from CSA and UL UL 1604 and UL 2279-15 (Hazardous Location), CSA C22.2 No. 213-M1987, Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4	design, dimensions and weights	
height 22 mm depth 100 mm net weight 0.08 kg product feature / conformal coating Yes fastening method latched • installation in media module slot Yes standards, specifications, approvals Yes standard for FM • for hazardous zone FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4 • for safety / from CSA and UL UL 60950-1; CSA C22.2 No. 60950-1 • for hazardous zone / from CSA and UL UL 1604 and UL 2279-15; Hazardous Location), CSA C22.2 No. 213-M1987, Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4	design	Media module with retaining collar
depth 100 mm net weight 0.08 kg product feature / conformal coating Yes fastening method latched • installation in media module slot Yes standards, specifications, approvals standard • for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4 • for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X • for safety / from CSA and UL UL 60950-1, CSA C22.2 No. 60950-1 • for hazardous zone / from CSA and UL UL 1604 and UL 2279-15 (Hazardous Location), CSA C22.2 No. 213-M1987, Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4	width	60 mm
net weight 0.08 kg product feature / conformal coating Yes fastening method latched • installation in media module slot Yes standards, specifications, approvals standard • for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4 • for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X • for safety / from CSA and UL UL 60950-1, CSA C22.2 No. 60950-1 • for hazardous zone / from CSA and UL UL 1604 and UL 2279-15 (Hazardous Location), CSA C22.2 No. 213-M1987, Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4	height	22 mm
product feature / conformal coating Yes fastening method latched • installation in media module slot Yes standards, specifications, approvals Yes standard • for FM • for hazardous zone FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4 • for safety / from CSA and UL EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X • for hazardous zone / from CSA and UL UL 60950-1, CSA C22.2 No. 60950-1 • for hazardous zone / from CSA and UL UL 1604 and UL 2279-15 (Hazardous Location), CSA C22.2 No. 213-M1987, Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4	depth	100 mm
fastening method latched • installation in media module slot Yes standards, specifications, approvals standards, specifications, approvals standard • for FM • for hazardous zone FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4 • for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X • for hazardous zone / from CSA and UL UL 60950-1, CSA C22.2 No. 60950-1 • for hazardous zone / from CSA and UL UL 1604 and UL 2279-15 (Hazardous Location), CSA C22.2 No. 213-M1987, Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4	net weight	0.08 kg
• installation in media module slotYesstandards, specifications, approvalsstandard• for FMFM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4• for hazardous zoneEN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X• for safety / from CSA and ULUL 60950-1, CSA C22.2 No. 60950-1• for hazardous zone / from CSA and ULUL 1604 and UL 2279-15 (Hazardous Location), CSA C22.2 No. 213- M1987, Class 1 / Division 2 / Group IIC / T4	product feature / conformal coating	Yes
standards, specifications, approvals standard • for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4 • for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X • for safety / from CSA and UL UL 60950-1, CSA C22.2 No. 60950-1 • for hazardous zone / from CSA and UL UL 1604 and UL 2279-15 (Hazardous Location), CSA C22.2 No. 213-M1987, Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4	fastening method	latched
standard • for FM • for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4 • for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X • for safety / from CSA and UL UL 60950-1, CSA C22.2 No. 60950-1 • for hazardous zone / from CSA and UL UL 1604 and UL 2279-15 (Hazardous Location), CSA C22.2 No. 213-M1987, Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4	 installation in media module slot 	Yes
 for FM for hazardous zone for hazardous zone for safety / from CSA and UL for hazardous zone / from CSA and UL 	standards, specifications, approvals	
Group IIC, T4 • for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X • for safety / from CSA and UL • for hazardous zone / from CSA and UL	standard	
 ATEX 0145 X for safety / from CSA and UL for hazardous zone / from CSA and UL UL 60950-1, CSA C22.2 No. 60950-1 UL 1604 and UL 2279-15 (Hazardous Location), CSA C22.2 No. 213- M1987, Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4 	• for FM	
for hazardous zone / from CSA and UL UL 1604 and UL 2279-15 (Hazardous Location), CSA C22.2 No. 213- M1987, Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4	 for hazardous zone 	
M1987, Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4	 for safety / from CSA and UL 	UL 60950-1, CSA C22.2 No. 60950-1
for emitted interference EN 61000-6-4:2007 (Class A)	 for hazardous zone / from CSA and UL 	M1987, Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 /
	 for emitted interference 	EN 61000-6-4:2007 (Class A)

• for interference immunity	EN 61000-6-2:2005
certificate of suitability	EN 61000-6-2:2005, EN 61000-6-4:2007
CE marking	Yes
• C-Tick	Yes
 KC approval 	Yes
 railway application in accordance with EN 50155 	Yes
 railway application in accordance with EN 50121-4 	Yes
 fire protection in accordance with EN 45545-2 	Yes
MTBF	250 y
further information / internet-Links	
Internet-Link	
 to website: Industrial communication 	http://www.siemens.com/simatic-net
 to website: Industry Mall 	https://mall.industry.siemens.com
 to website: Information and Download Center 	http://www.siemens.com/industry/infocenter
 to website: Image database 	http://automation.siemens.com/bilddb
 to website: CAx-Download-Manager 	http://www.siemens.com/cax

• to website: Industry Online Support

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