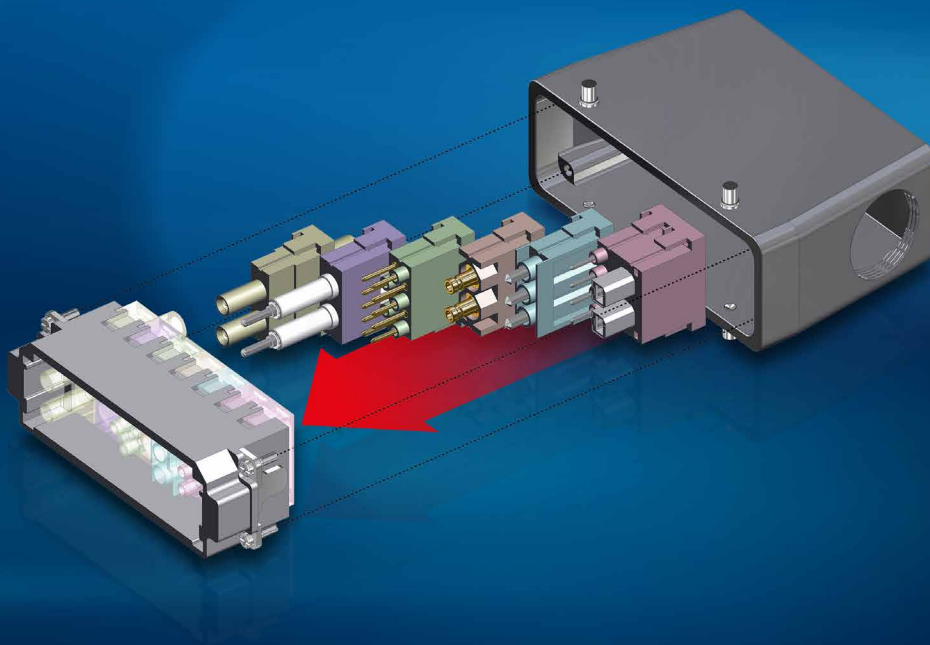


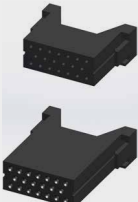


- Modules
- Module frames
- Industrial connector housings
- Contacts
- Screwed cable glands
- Tools

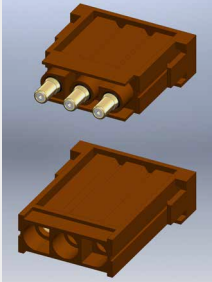
High voltage modules

Picture	Description	Part Number	Operating voltage	Contact size	Wire size
	HiPro HV module plug, 2-pin	6111133	12 kV DC	2.5 mm choose contacts from page 190	0.5-4.0 mm ² 20-12 AWG
	HiPro HV module socket, 2-pin	6111134			
	PTFE-1 module plug, 1-pin	6580000	12 kV DC	2.7 mm contacts included	2.5 mm ² 14 AWG
	PTFE-1 module socket, 1-pin	6580100			
	PTFE-2 module plug, 2-pin	6580010	12 kV DC	2.7 mm contacts included	2.5 mm ² 14 AWG
	PTFE-2 module socket, 2-pin	6580110			

Low voltage modules

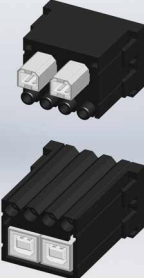
Picture	Description	Part Number	Operating voltage	Contact size	Wire size
	20-pin plug module	6575051	63 V	1.0 mm choose contacts from page 192	0.09-0.5 mm ² 28-20 AWG
	20-pin socket module	6575061			
	10-pin plug module	6575070	400 V	1.6 mm choose contacts from page 193	0.14-2.5 mm ² 26-14 AWG
	10-pin socket module	6575080			
	5-pin plug module	6575065	400 V	2.5 mm choose contacts from page 194	0.5-4.0 mm ² 20-12 AWG
	5-pin socket module	6575075			
	3-pin plug module	6575062	630 V	3.6 mm choose contacts from page 195	1.5-10.0 mm ² 16-8 AWG
	3-pin socket module	6575063			

KOAX module

Picture	Description	Part Number	Operating voltage	Wire size
	3-pin KOAX plug module	6575072	250 V	RG 58, 174 179, 316
	3-pin KOAX socket module	6575082		

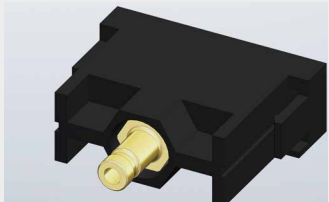
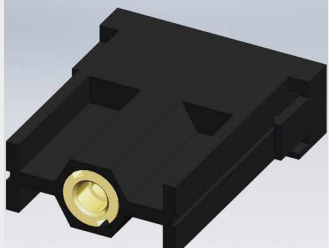
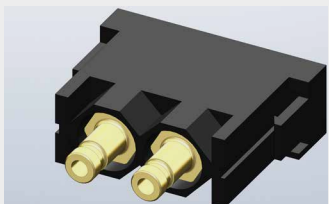
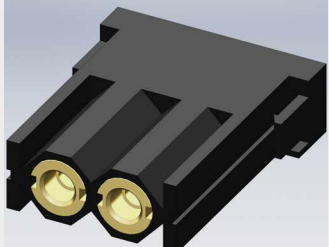
 **Contacts:** Page 196

RJ45 module

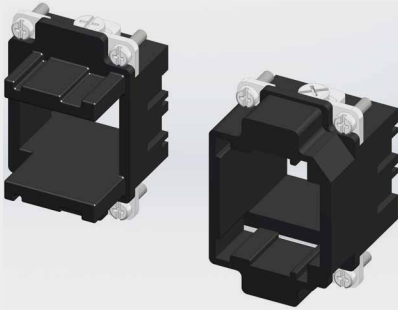
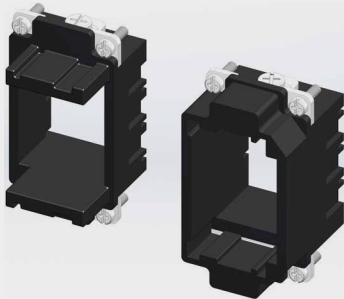
Picture	Description	Part Number
	RJ45 plug module CAT5e / USB type 2 + 4 male signal contacts 1.6 mm (26-14 AWG)	4100007
	RJ45 socket module CAT5e / USB type 2 + 4 female signal contacts 1.6 mm (26-14 AWG)	4200007

 **Contacts:** Page 197

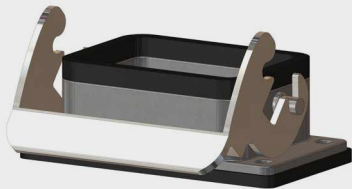
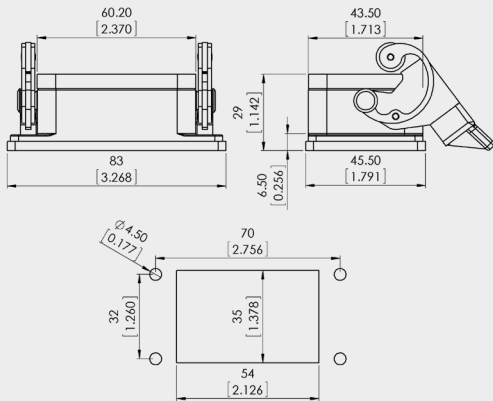
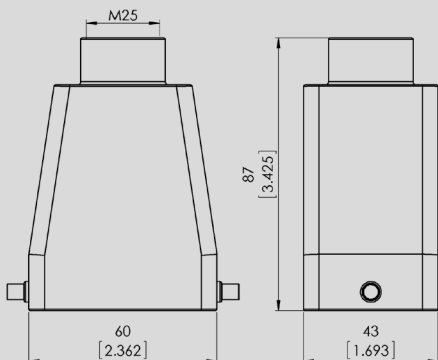
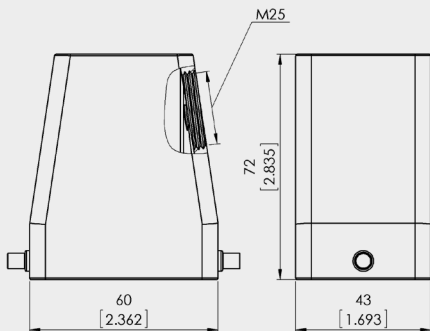
Pneumatic modules - single shut-off

Picture	Description	Part Number	Number of contacts
 	Pneumatic plug module ST-1PN-M hose size 2.5 mm	6580201	1
	Pneumatic socket module BU-1PN-M hose size 2.5 mm – with shut-off	6580251	
	Pneumatic plug module ST-1PN-M hose size 4.0 mm	6580204	
	Pneumatic socket module BU-1PN-M hose size 4.0 mm – with shut-off	6580254	
 	Pneumatic plug module ST-2PN-M hose size 2.5 mm	6580202	2
	Pneumatic socket module BU-2PN-M hose size 2.5 mm – with shut-off	6580252	
	Pneumatic plug module ST-2PN-M hose size 4.0 mm	6580205	
	Pneumatic socket module BU-2PN-M hose size 4.0 mm – with shut-off	6580255	

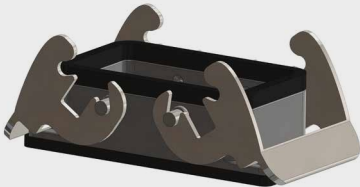
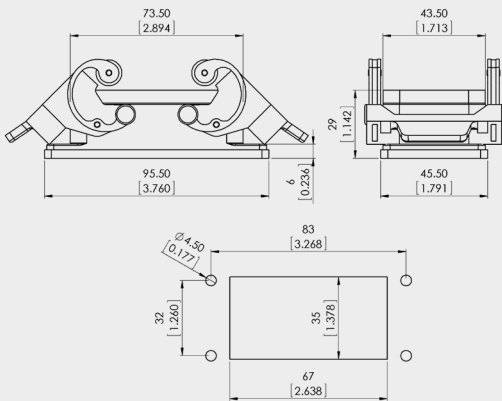
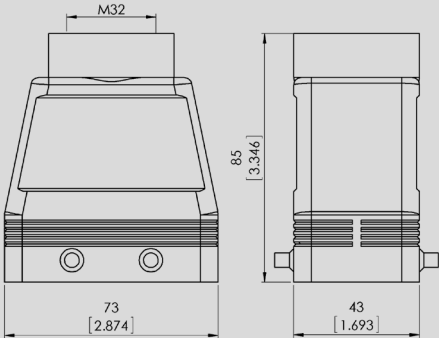
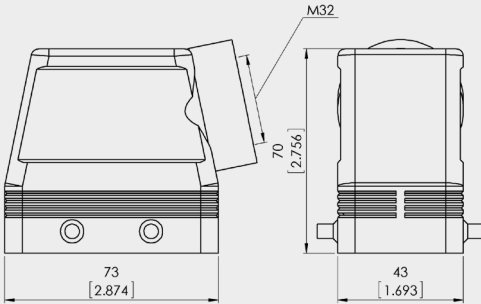
Frames for plug and socket modules

Picture	Description	Part Number
	Module frame for plug modules Size: 2 modules	6575043
	Module frame for receptacle modules Size: 2 modules	6575033
	Module frame for plug modules Size: 3 modules	6575042
	Module frame for receptacle modules Size: 3 modules	6575032
	Module frame for plug modules Size: 5 modules	6575040
	Module frame for receptacle modules Size: 5 modules	6575030
	Module frame for plug modules Size: 7 modules	6575045
	Module frame for receptacle modules Size: 7 modules	6575035

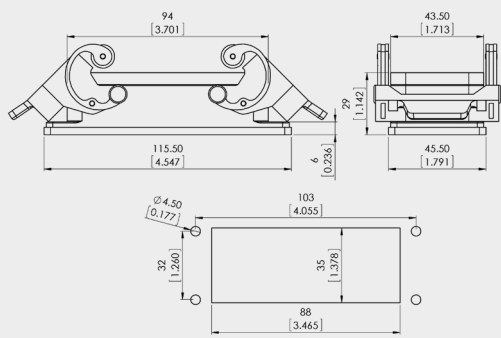
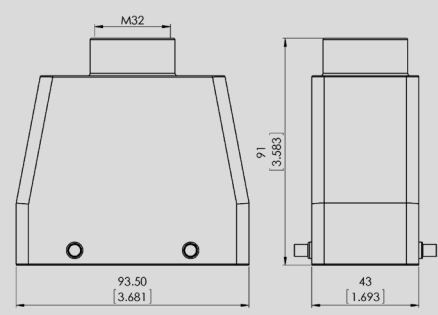
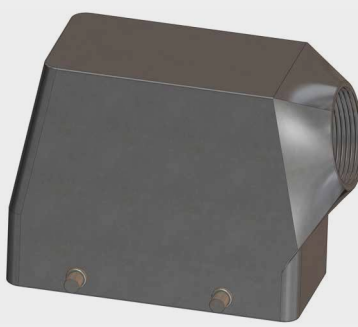
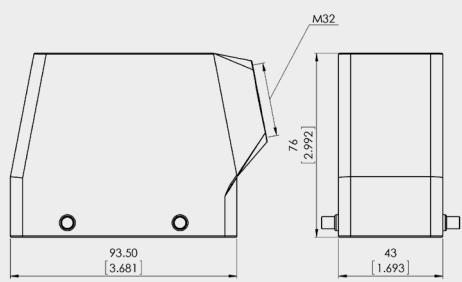
Housings for 2 module frames

Picture	Description / Part Number	Drawing
	Panel mount housing 2M/ LB for 2 modules frame 1-lever-locking system Part no. 6575158	
	Hood, top entry 2M/ HB/ AO/ M25/ LB for 2 modules frame cable top entry connecting thread M25 1-lever-locking system Part no. 6574931 choose screwed cable gland from page 199	
	Hood, side entry 2M/ HB/ AS/ M25/ LB for 2 modules frame cable side entry 90° connecting thread M25 1-lever-locking system Part no. 6574930 choose screwed cable gland from page 199	

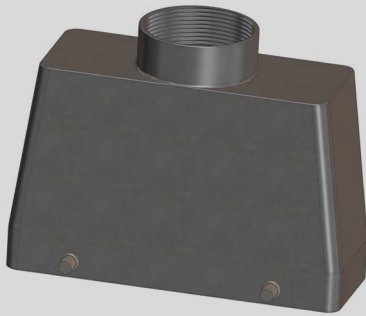
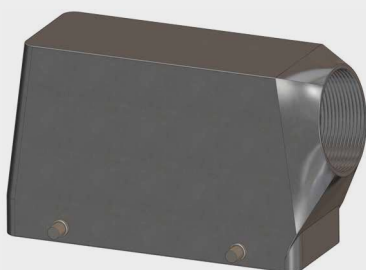
Housings for 3 module frames

Picture	Description / Part Number	Drawing
	Panel mount housing 3M/QB for 3 modules frame 2-lever-locking system Part no. 6575159	 Top view dimensions: 73.50 [2.894], 95.50 [3.760], 43.50 [1.713], 45.50 [1.791], 29 [1.142], 6 [0.236]. Side view dimensions: 83 [3.268], 32 [1.260], 35 [1.378], 67 [2.638]. Front view dimensions: 73 [2.874], 43 [1.693].
	Hood, top entry 3M/ HB/ AO/ M32/ QB for 3 modules frame cable top entry connecting thread M32 2-lever-locking system Part no. 6574802 choose screwed cable gland from page 199	 Front view dimensions: M32, 73 [2.874]. Side view dimensions: 85 [3.346], 43 [1.693].
	Hood, side entry 3M/ HB/ AS/ M32/ QB for 3 modules frame cable side entry 90° connecting thread M32 2-lever-locking system Part no. 6574807 choose screwed cable gland from page 199	 Front view dimensions: 73 [2.874]. Side view dimensions: M32, 70 [2.756], 43 [1.693].

Housings for 5 module frames

Picture	Description / Part Number	Drawing
	Panel mount housing 5M/ QB for 5 modules frame 2-lever-locking system Part no. 6575161	
	Hood, top entry 5M/ HB/ AO/ M32/ QB for 5 modules frame cable top entry connecting thread M32 2-lever-locking system Part no. 6575147 choose screwed cable gland from page 199	
	Hood, side entry 5M/ HB/ AS/ M32/ QB for 5 modules frame cable side entry 90° connecting thread M32 2-lever-locking system Part no. 6574833 choose screwed cable gland from page 199	

Housings for 7 module frames

Picture	Description / Part Number	Drawing
	Panel mount housing 7M/ QB for 7 modules frame 2-lever-locking system Part no. 6575162	
	Hood, top entry 7M/ HB/ AO/ M40/ QB for 7 modules frame cable top entry connecting thread M40 2-lever-locking system Part no. 6575163 choose screwed cable gland from page 199	
	Hood, side entry 7M/ HB/ AS/ M40/ QB for 7 modules frame cable side entry 90° connecting thread M40 2-lever-locking system Part no. 6574829 choose screwed cable gland from page 199	

HiPro HV module



plug module
part no. 6111133



socket module
part no. 6111134

General characteristics	Value
Number of contacts	2
Termination method	Crimp or solder
Wire size	0.5-4.0 mm ² [20-12 AWG]
Flammability	UL94 V-0
Electrical characteristics	Value
Rated voltage	12 kV DC
Test voltage	18 kV DC
Pollution degree	1
Material group	1
Contact resistance	≤ 2 mΩ
Insulation resistance	≥ 10 ¹⁰ Ω
Climatical characteristics	Value
Rated temperature	-40°C to +125°C [-40°F to +257°F]
Mechanical characteristics	Value
Mating cycles	≥ 500
Material characteristics	
Insert (module)	PA 6.6 FR
Contacts	Brass (CuZn)
Contacts surface plating	Silver (Ag)

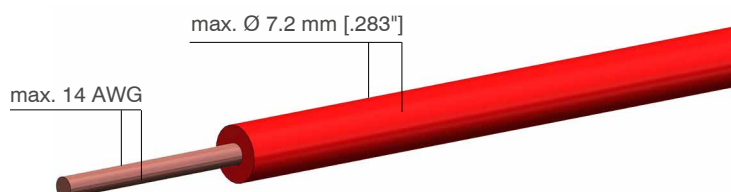
Male contacts

Part no.	Description	Cross section in mm ² (D)	AWG (D)	Picture / Drawing
6575087	Male contact 2.5 mm / 20 AWG	0.5	20	
6575089	Male contact 2.5 mm / 18 AWG	0.75-1.0	18	
6575092	Male contact 2.5 mm / 16 AWG	1.5	16	
6575094	Male contact 2.5 mm / 14 AWG	2.5	14	
6575091	Male contact 2.5 mm / 12 AWG	4.0	12	

Female contacts

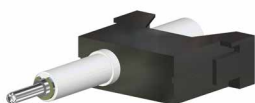
Part no.	Description	Cross section in mm ² (D)	AWG (D)	Picture / Drawing
6575108	Female contact 2.5 mm / 20 AWG	0.5	20	
6575111	Female contact 2.5 mm / 18 AWG	0.75-1.0	18	
6575102	Female contact 2.5 mm / 16 AWG	1.5	16	
6575104	Female contact 2.5 mm / 14 AWG	2.5	14	
6575113	Female contact 2.5 mm / 12 AWG	4.0	12	

Suitable cable dimensions (single wire)

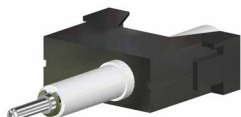


PTFE HV module 1-pin

plug module
part no. 6580000



plug module
part no. 6580050



socket module
part no. 6580100



socket module
part no. 6580150



General characteristics	Value
Number of contacts	1
Termination method	Solder
Termination size	2.5 mm ² [14 AWG]
Contact diameter	2.7 mm
Flammability	UL94 V-0
Electrical characteristics	Value
Rated voltage	12 kV DC
Test voltage	18 kV DC
Pollution degree	1
Material group	1
Contact resistance	300 μΩ
Climatical characteristics	Value
Rated temperature	-40°C to +125°C [-40°F to +257°F]
Mechanical characteristics	Value
Mating cycles	≥ 100,000
Material characteristics	
Insert (module)	PA 6.6 FR
Insulator	PTFE
Contacts	Brass (CuZn)
Contacts surface plating	Silver (Ag)

PTFE HV module 2-pin

plug module
part no. 6580010

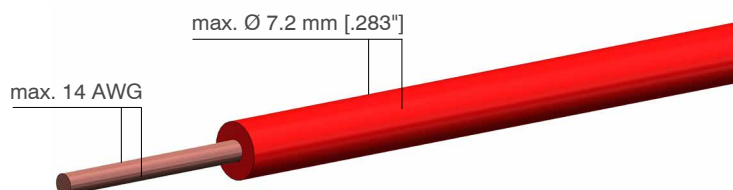


socket module
part no. 6580110



General characteristics	Value
Number of contacts	2
Termination method	Solder
Termination size	2.5 mm ² [14 AWG]
Contact diameter	2.7 mm
Flammability	UL94 V-0
Electrical characteristics	Value
Rated voltage	12 kV DC
Test voltage	18 kV DC
Pollution degree	1
Material group	1
Contact resistance	300 μΩ
Climatical characteristics	Value
Rated temperature	-40°C to +125°C [-40°F to +257°F]
Mechanical characteristics	Value
Mating cycles	≥ 100,000
Material characteristics	
Insert (module)	PA 6.6 FR
Insulator	PTFE
Contacts	Brass (CuZn)
Contacts surface plating	Silver (Ag)

Suitable cable dimensions (single wire)



20-pin module



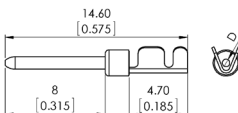
plug module
part no. 6575051



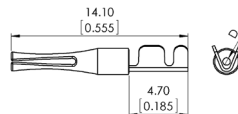
socket module
part no. 6575061

General characteristics	Value
Number of contacts	20
Termination method	Crimp or solder
Termination size	0.09-0.5 mm ² [28-20 AWG]
Flammability	UL94 V-0
Electrical characteristics	Value
Rated voltage	63 V
Pollution degree	3
Overvoltage category	III
Material group	II
Rated impulse withstand voltage	4 kV
Contact resistance	≤ 5 mΩ
Insulation resistance	≥ 10 ¹² Ω
Climatical characteristics	Value
Rated temperature	-40°C to +125°C [-40°F to +257°F]
Mechanical characteristics	Value
Mating cycles	≥ 500
Material characteristics	
Insert (module)	PA 6.6 FR
Male contacts	Brass (CuZn)
Female contacts	Bronze (CuSn)
Contacts surface plating	Gold (Au)

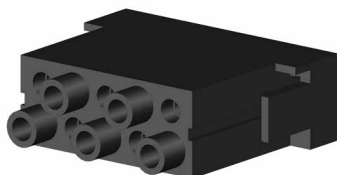
Male contacts

Part no.	Description	Cross section in mm ² (D)	AWG (D)	Picture / Drawing
6575114	Male contact AU 1.0 mm / 28-24 AWG	0.09-0.25	28-24	
6575137	Male contact AU 1.0 mm / 24-20 AWG	0.25-0.5	24-20	

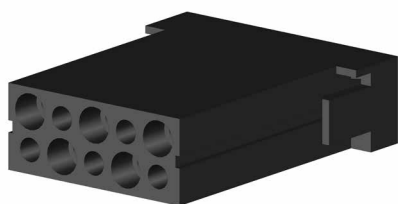
Female contacts

Part no.	Description	Cross section in mm ² (D)	AWG (D)	Picture / Drawing
6575115	Female contact AU 1.0 mm / 28-24 AWG	0.09-0.25	28-24	
6575136	Female contact AU 1.0 mm / 24-20 AWG	0.25-0.5	24-20	

10-pin module



plug module
part no. 6575070



socket module
part no. 6575080

General characteristics	Value
Number of contacts	10
Termination method	Crimp or solder
Termination size	0.14-2.5 mm ² [26-14 AWG]
Flammability	UL94 V-0
Electrical characteristics	Value
Rated voltage	400 V
Pollution degree	3
Overvoltage category	III
Material group	II
Rated impulse withstand voltage	6 kV
Contact resistance	≤ 5 mΩ
Insulation resistance	≥ 10 ¹⁰ Ω
Climatical characteristics	Value
Rated temperature	-40°C to +100°C [-40°F to +212°F]
Mechanical characteristics	Value
Mating cycles	≥ 500
Material characteristics	
Insert (module)	PA 6.6 FR
Contacts	Brass (CuZn)
Contacts surface plating	Silver (Ag) / gold (Au)

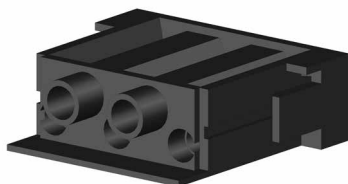
Male contacts

Part no.	Description	Cross section in mm ² (D)	AWG (D)	Silver plated	Gold plated	Picture / Drawing
6575085	Male contact 1.6 mm / 26-22 AWG	0.14-0.37	26-22	•		
6575086	Male contact 1.6 mm / 20 AWG	0.5	20	•		
6575088	Male contact 1.6 mm / 20-16 AWG	0.75-1.0	20-16	•		
6575090	Male contact 1.6 mm / 16-15 AWG	1.5	16-15	•		
6575083	Male contact 1.6 mm / 14 AWG	2.5	14	•		
6575118	Male contact AU 1.6 mm / 26-22 AWG	0.14-0.37	26-22		•	
6575121	Male contact AU 1.6 mm / 20 AWG	0.5	20		•	
6575116	Male contact AU 1.6 mm / 20-16 AWG	0.75-1.0	20-16		•	
6575124	Male contact AU 1.6 mm / 16-15 AWG	1.5	16-15		•	
6575125	Male contact AU 1.6 mm / 14 AWG	2.5	14		•	

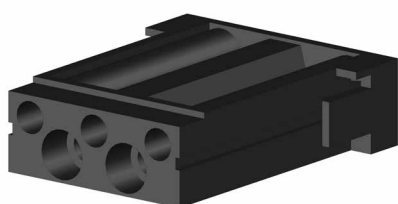
Female contacts

Part no.	Description	Cross section in mm ² (D)	AWG (D)	Silver plated	Gold plated	Picture / Drawing
6575095	Female contact 1.6 mm / 26-22 AWG	0.14-0.37	26-22	•		
6575107	Female contact 1.6 mm / 20 AWG	0.5	20	•		
6575098	Female contact 1.6 mm / 20-16 AWG	0.75-1.0	20-16	•		
6575100	Female contact 1.6 mm / 16-15 AWG	1.5	16-15	•		
6575084	Female contact 1.6 mm / 14 AWG	2.5	14	•		
6575127	Female contact AU 1.6 mm / 26-22 AWG	0.14-0.37	26-22		•	
6575131	Female contact AU 1.6 mm / 20 AWG	0.5	20		•	
6575117	Female contact AU 1.6 mm / 20-16 AWG	0.75-1.0	20-16		•	
6575132	Female contact AU 1.6 mm / 16-15 AWG	1.5	16-15		•	
6575133	Female contact AU 1.6 mm / 14 AWG	2.5	14		•	

5-pin module



plug module
part no. 6575065



socket module
part no. 6575075

General characteristics	Value
Number of contacts	5
Termination method	Crimp or solder
Termination size	0.5-4.0 mm ² [20-12 AWG]
Flammability	UL94 V-0
Electrical characteristics	Value
Rated voltage	400 V
Pollution degree	3
Overvoltage category	III
Material group	II
Rated impulse withstand voltage	6 kV
Contact resistance	≤ 2 mΩ
Insulation resistance	≥ 10 ¹⁰ Ω
Climatical characteristics	Value
Rated temperature	-40°C to +125°C [-40°F to +257°F]
Mechanical characteristics	Value
Mating cycles	≥ 500
Material characteristics	
Insert (module)	PA 6.6 FR
Contacts	Brass (CuZn)
Contacts surface plating	Silver (Ag)

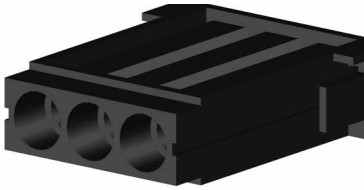
Male contacts

Part no.	Description	Cross section in mm ² (D)	AWG (D)	Picture / Drawing
6575087	Male contact 2.5 mm / 20 AWG	0.5	20	
6575089	Male contact 2.5 mm / 18 AWG	0.75-1.0	18	
6575092	Male contact 2.5 mm / 16 AWG	1.5	16	
6575094	Male contact 2.5 mm / 14 AWG	2.5	14	
6575091	Male contact 2.5 mm / 12 AWG	4.0	12	

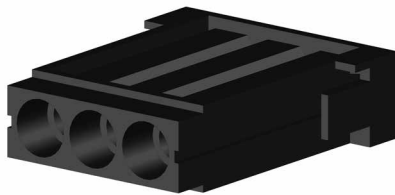
Female contacts

Part no.	Description	Cross section in mm ² (D)	AWG (D)	Picture / Drawing
6575108	Female contact 2.5 mm / 20 AWG	0.5	20	
6575111	Female contact 2.5 mm / 18 AWG	0.75-1.0	18	
6575102	Female contact 2.5 mm / 16 AWG	1.5	16	
6575104	Female contact 2.5 mm / 14 AWG	2.5	14	
6575113	Female contact 2.5 mm / 12 AWG	4.0	12	

3-pin module



plug module
part no. 6575062



socket module
part no. 6575063

General characteristics	Value
Number of contacts	3
Termination method	Crimp or solder
Termination size	1.5-10.0 mm ² [16-8 AWG]
Flammability	UL94 V-0
Electrical characteristics	Value
Rated voltage	630 V
Pollution degree	3
Overvoltage category	III
Material group	II
Rated impulse withstand voltage	8 kV
Contact resistance	≤ 1 mΩ
Insulation resistance	≥ 10 ¹⁰ Ω
Climatical characteristics	Value
Rated temperature	-40°C to +125°C [-40°F to +257°F]
Mechanical characteristics	Value
Mating cycles	≥ 500
Material characteristics	
Insert (module)	PA 6.6 FR
Contacts	Brass (CuZn)
Contacts surface plating	Silver (Ag)

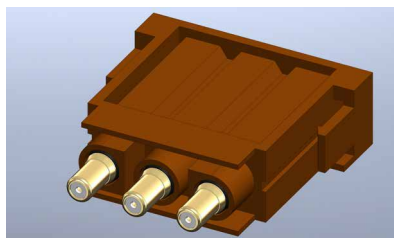
Male contacts

Part no.	Description	Cross section in mm ² (D)	AWG (D)	Picture / Drawing
6575099	Male contact 3.6 mm / 16 AWG	1.5	16	
6575106	Male contact 3.6 mm / 14 AWG	2.5	14	
6575093	Male contact 3.6 mm / 12 AWG	4.0	12	
6575139	Male contact 3.6 mm / 10 AWG	6.0	10	
6575096	Male contact 3.6 mm / 8 AWG	10.0	8	

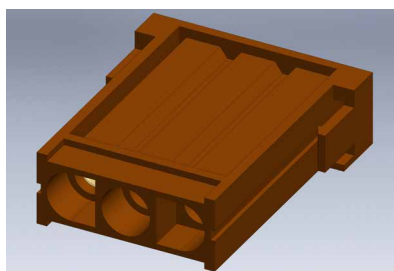
Female contacts

Part no.	Description	Cross section in mm ² (D)	AWG (D)	Picture / Drawing
6575109	Female contact 3.6 mm / 16 AWG	1.5	16	
6575105	Female contact 3.6 mm / 14 AWG	2.5	14	
6575103	Female contact 3.6 mm / 12 AWG	4.0	12	
6575138	Female contact 3.6 mm / 10 AWG	6.0	10	
6575097	Female contact 3.6 mm / 8 AWG	10.0	8	

KOAX module



plug module
part no. 6575072



socket module
part no. 6575082

General characteristics	Value
Number of contacts	3
Termination method	Crimp or solder
Termination size	RG 58, 174, 179, 316
Flammability	UL94 V-0
Electrical characteristics	Value
Rated voltage	250 V
Pollution degree	3
Overvoltage category	III
Material group	II
Impedance	50 Ω
Frequency range	2 GHz
Climatical characteristics	Value
Rated temperature	-40°C to +125°C [-40°F to +257°F]
Mechanical characteristics	Value
Mating cycles	≥ 500
Material characteristics	
Insert (module)	PA 6.6 FR
Module color	Russet
Contacts surface plating	Gold (Au)

Male contacts

Part no.	Description	for cable size	Picture / Drawing
6575141	Male coax contact RG 58	RG 58	
6575110	Male coax contact RG 174, 179, 316	RG 174, 179, 316	

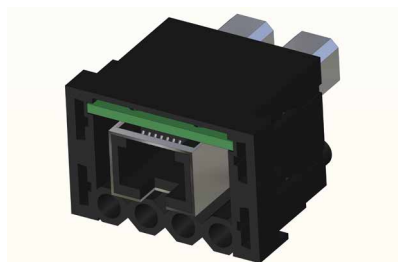
Female contacts

Part no.	Description	for cable size	Picture / Drawing
6575142	Female coax contact RG 58	RG 58	
6575112	Female coax contact RG 174, 179, 316	RG 174, 179, 316	

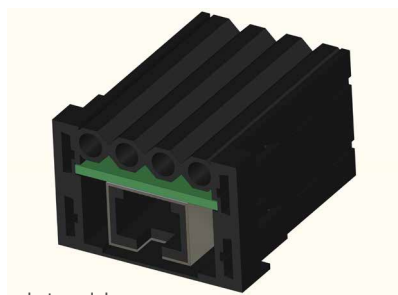
Dimensions and stripping lengths

Type	L [mm]	D [mm]	E [mm]	F [mm]	G [mm]	Drawing
Contacts (male/ female) for RG 58	26.3	3.2	9.5	7.9	2	
Contacts (male/ female) for RG 174, 179, 316	23.6	1.7	7.9	6.3	2	

RJ45 module



plug module
part no. 4100007



socket module
part no. 4200007

General characteristics	Value RJ45 contacts	Value power contacts
Number of contacts	8 + shield	4
Termination method	Plug	Crimp
Termination size		0.14-2.5 mm ² [26-14 AWG]
Flammability	UL94 V-0	
Electrical characteristics	Value	
Rated voltage	30 V	400 V
Rated current	1 A	10A
Data transmission rate	100 Mbit/s	
Transfer response	In acc. with category 5 (CAT 5)	
Climatical characteristics	Value	
Rated temperature	-20°C to +80°C [-4°F to +176°F]	
Mechanical characteristics	Value	
Mating cycles	≥ 500	
Material characteristics	Value	
Insert (module)	PA 6.6 FR	
Contacts		Brass (CuZn)
Contacts surface plating		Silver (Ag) / gold (Au)

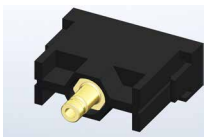
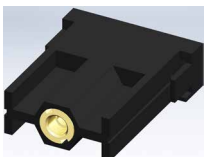
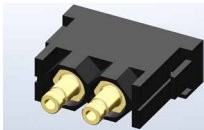
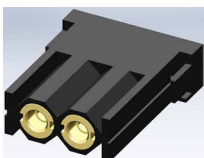
Male contacts

Part no.	Description	Cross section in mm ² (D)	AWG	silver plated	gold plated	Picture / Drawing
6575085	Male contact 1.6 mm / 26-22 AWG	0.14-0.37	26-22	•		
6575086	Male contact 1.6 mm / 20 AWG	0.5	20	•		
6575088	Male contact 1.6 mm / 20-16 AWG	0.75-1.0	20-16	•		
6575090	Male contact 1.6 mm / 16-15 AWG	1.5	16-15	•		
6575083	Male contact 1.6 mm / 14 AWG	2.5	14	•		
6575118	Male contact AU 1.6 mm / 26-22 AWG	0.14-0.37	26-22		•	
6575121	Male contact AU 1.6 mm / 20 AWG	0.5	20		•	
6575116	Male contact AU 1.6 mm / 20-16 AWG	0.75-1.0	20-16		•	
6575124	Male contact AU 1.6 mm / 16-15 AWG	1.5	16-15		•	
6575125	Male contact AU 1.6 mm / 14 AWG	2.5	14		•	

Female contacts

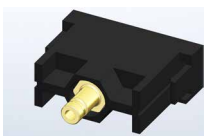
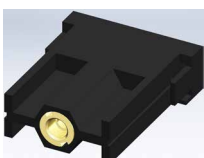
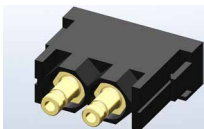
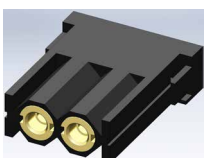
Part no.	Description	Cross section in mm ² (D)	AWG	silver plated	gold plated	Picture / Drawing
6575095	Female contact 1.6 mm / 26-22 AWG	0.14-0.37	26-22	•		
6575107	Female contact 1.6 mm / 20 AWG	0.5	20	•		
6575098	Female contact 1.6 mm / 20-16 AWG	0.75-1.0	20-16	•		
6575100	Female contact 1.6 mm / 16-15 AWG	1.5	16-15	•		
6575084	Female contact 1.6 mm / 14 AWG	2.5	14	•		
6575127	Female contact AU 1.6 mm / 26-22 AWG	0.14-0.37	26-22		•	
6575131	Female contact AU 1.6 mm / 20 AWG	0.5	20		•	
6575117	Female contact AU 1.6 mm / 20-16 AWG	0.75-1.0	20-16		•	
6575132	Female contact AU 1.6 mm / 16-15 AWG	1.5	16-15		•	
6575133	Female contact AU 1.6 mm / 14 AWG	2.5	14		•	

Pneumatic modules for hose size 2.5 mm

Pneumatic module	
plug module part no. 6580201	
socket module part no. 6580251	
plug module part no. 6580202	
socket module part no. 6580252	

General characteristics	Value
Number of contacts	1, 2
Termination method	Hose connection
Hose size (inner diameter)	2.5 mm
Flammability	UL94 V-0
Technical characteristics	Value
Operating pressure	8 bar with PTFE hose
Contact travel (feed path)	4 mm
Shut-off	One-sided (on socket module)
Recommended hose material	PTFE
Climatical characteristics	Value
Rated temperature	-20°C to +100°C [-4°F to +212°F]
Mechanical characteristics	Value
Mating cycles	≥ 5000
Material characteristics	
Insert (module)	PA 6.6 FR
Contacts	Brass (CuZn)

Pneumatic modules for hose size 4.0 mm

Pneumatic module	
plug module part no. 6580204	
socket module part no. 6580254	
plug module part no. 6580205	
socket module part no. 6580255	

General characteristics	Value
Number of contacts	1, 2
Termination method	Hose connection
Hose size (inner diameter)	4.0 mm
Flammability	UL94 V-0
Technical characteristics	Value
Operating pressure	8 bar with PTFE hose
Contact travel (feed path)	4 mm
Shut-off	One-sided (on socket module)
Recommended tube material	PTFE
Climatical characteristics	Value
Rated temperature	-20°C to +100°C [-4°F to +212°F]
Mechanical characteristics	Value
Mating cycles	≥ 5000
Material characteristics	
Insert (module)	PA 6.6 FR
Contacts	Brass (CuZn)

Screwed cable glands

Picture	Description	Part number	Clamping range in mm (D)
	KV M25x1.5, 9 – 16 mm	1674119	9 – 16
	KV M25x1.5, 13 – 18 mm	1674117	13 – 18
	KV M32x1.5, 13 – 20 mm	1674082	13 – 20
	KV M32x1.5, 18 – 25 mm	1674078	18 – 25
	KV M40x1.5, 20 – 26 mm	1674072	20 – 26

Tools

Description	Part number
Extracting tool for contacts 1.0 mm	3000000
Extracting tool for contacts 1.6 mm	3000001
Extracting tool for contacts 2.5 mm	3000003
Extracting tool for contacts 3.6 mm	3000004
Removal tool for modules	3000006
Crimping tool for contacts 1.0 mm	3000019
Crimping tool for contacts 1.6 / 2.5 mm	3000015
Crimping tool for contacts 3.6 mm	3000020