

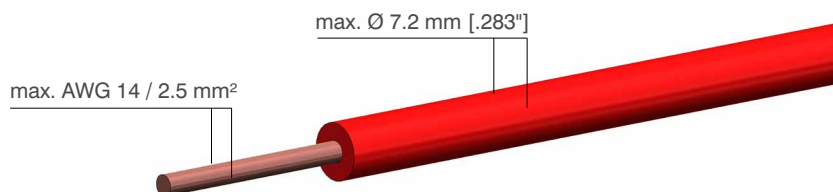
Housings	
Number of module slots	2, 3, 5, 7
Locking system	lever locking
Mounting type (panel mount connector)	4-hole-flange
Housing material	aluminium alloy
Surface plating	epoxy powder coating
Protection class (in mated condition)	IP65 acc. DIN EN 60529
Operating temperature	- 30 °C to +80 °C

Contacts type MOD-T	
Termination method	solder
Rated current (at +23°C)	30 A
Contact resistance	300μΩ
Contact diameter	2.7 mm
Wire size (AWG / cross section)	AWG 14 / 2.5 mm <sup>2</sup>
Contact material	brass (CuZn)
Contact plating	silver (Ag)
Mating cycles	≥ 100000

**Contacts included**

Module type MOD-T	
Number of pins	2
Module material	PA 6.6 GF
Insulation material	PTFE
Flammability class	UL94 V-0
Operating temperature modules	-40 °C to +125 °C
Operating temperature insulation parts	-50 °C to +260 °C
CTI-Value	600
Insulating material group	I (DIN IEC 60664)
Max. diameter of dielectric cable insulation (single wire)	7.2 mm

### Suitable cable dimensions (single wire)



Electrical values		Characteristics		Panel cut out
Operating voltage (DC)	12 kV	Number of pins	2	
Test voltage (DC)	18 kV	Insulation material	PTFE	

Contacts included.

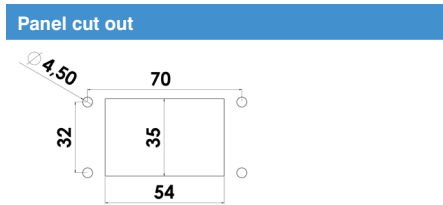
Type / Version / Part number	Picture / Drawing
<b>Receptacle, panel mount</b> GBR 1T2/2M Part no. 9021305	
<b>Plug, panel mount</b> GSR 1T2/2M Part no. 9021355	
<b>Plug, cable mount, cable entry top M25</b> KSR 1T2/AO/2M Part no. 9021015	
<b>Plug, cable mount, cable entry side 90° M25</b> KSR 1T2/AS/2M Part no. 9021205	
<b>Receptacle, cable mount, cable entry top M25</b> KBR 1T2/AO/2M Part no. 9021155	
<b>Receptacle, cable mount, cable entry side 90° M25</b> KBR 1T2/AS/2M Part no. 9021255	

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drawing - dimensions in mm [inch]

Electrical values	
Operating voltage (DC)	12 kV
Test voltage (DC)	18 kV

Characteristics	
Number of pins	4
Insulation material	PTFE



**Contacts included.**

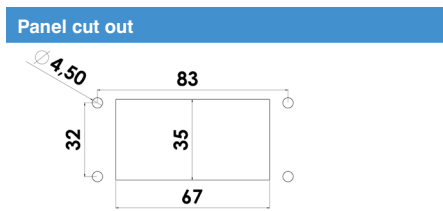
Type / Version / Part number	Picture / Drawing
<b>Receptacle, panel mount</b> GBR 2T2/2M Part no. 9022305	
<b>Plug, panel mount</b> GSR 2T2/2M Part no. 9022355	
<b>Plug, cable mount, cable entry top M25</b> KSR 2T2/AO/2M Part no. 9022105	
<b>Plug, cable mount, cable entry side 90° M25</b> KSR 2T2/AS/2M Part no. 9022205	
<b>Receptacle, cable mount, cable entry top M25</b> KBR 2T2/AO/2M Part no. 9022155	
<b>Receptacle, cable mount, cable entry side 90° M25</b> KBR 2T2/AS/2M Part no. 9022255	

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drawing - dimensions in mm [inch]

Electrical values	
Operating voltage (DC)	12 kV
Test voltage (DC)	18 kV

Characteristics	
Number of pins	6
Insulation material	PTFE



Contacts included.

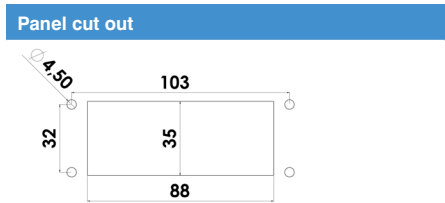
Type / Version / Part number	Picture / Drawing	
<b>Receptacle, panel mount</b> GBR 3T2/3M Part no. 9033305		
<b>Plug, panel mount</b> GSR 3T2/3M Part no. 9033355		
<b>Plug, cable mount, cable entry top M32</b> KSR 3T2/AO/3M Part no. 9033105		
<b>Plug, cable mount, cable entry side 90° M32</b> KSR 3T2/AS/3M Part no. 9033205		
<b>Receptacle, cable mount, cable entry top M32</b> KBR 3T2/AO/3M Part no. 9033155		
<b>Receptacle, cable mount, cable entry side 90° M32</b> KBR 3T2/AS/3M Part no. 9033255		

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drawing - dimensions in mm [inch]

Electrical values	
Operating voltage (DC)	12 kV
Test voltage (DC)	18 kV

Characteristics	
Number of pins	8
Insulation material	PTFE



**Contacts included.**

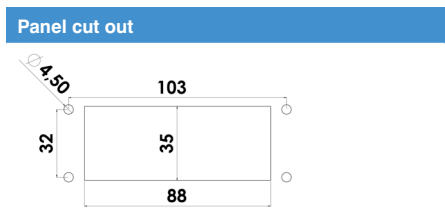
Type / Version / Part number	Picture / Drawing
<b>Receptacle, panel mount</b> GBR 4T2/5M Part no. 9054305	
<b>Plug, panel mount</b> GSR 4T2/5M Part no. 9054355	
<b>Plug, cable mount, cable entry top M32</b> KSR 4T2/AO/5M Part no. 9054105	
<b>Plug, cable mount, cable entry side 90° M32</b> KSR 4T2/AS/5M Part no. 9054205	
<b>Receptacle, cable mount, cable entry top M32</b> KBR 4T2/AO/5M Part no. 9054155	
<b>Receptacle, cable mount, cable entry side 90° M32</b> KBR 4T2/AS/5M Part no. 9054255	

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drawing - dimensions in mm [inch]

Electrical values	
Operating voltage (DC)	12 kV
Test voltage (DC)	18 kV

Characteristics	
Number of pins	10
Insulation material	PTFE



Contacts included.

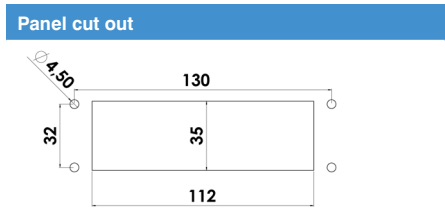
Type / Version / Part number	Picture / Drawing
<b>Receptacle, panel mount</b> GBR 5T2/5M Part no. 9055305	
<b>Plug, panel mount</b> GSR 5T2/5M Part no. 9055355	
<b>Plug, cable mount, cable entry top M32</b> KSR 5T2/AO/5M Part no. 9055105	
<b>Plug, cable mount, cable entry side 90° M32</b> KSR 5T2/AS/5M Part no. 9055205	
<b>Receptacle, cable mount, cable entry top M32</b> KBR 5T2/AO/5M Part no. 9055155	
<b>Receptacle, cable mount, cable entry side 90° M32</b> KBR 5T2/AS/5M Part no. 9055255	

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drawing - dimensions in mm [inch]

Electrical values	
Operating voltage (DC)	12 kV
Test voltage (DC)	18 kV

Characteristics	
Number of pins	12
Insulation material	PTFE



**Contacts included.**

Type / Version / Part number	Picture / Drawing	
<b>Receptacle, panel mount</b> <b>GBR 6T2/7M</b> Part no. 9076305		
<b>Plug, panel mount</b> <b>GSR 6T2/7M</b> Part no. 9076355		
<b>Plug, cable mount, cable entry top M40</b> <b>KSR 6T2/AO/7M</b> Part no. 9076105		
<b>Plug, cable mount, cable entry side 90° M400</b> <b>KSR 6T2/AS/7M</b> Part no. 9076215		
<b>Receptacle, cable mount, cable entry top M40</b> <b>KBR 6T2/AO/7M</b> Part no. 9076155		
<b>Receptacle, cable mount, cable entry side 90° M40</b> <b>KBR 6T2/AS/7M</b> Part no. 9076255		

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drawing - dimensions in mm [inch]

Electrical values		Characteristics		Panel cut out
Operating voltage (DC)	12 kV	Number of pins	14	
Test voltage (DC)	18 kV	Insulation material	PTFE	

Contacts included.

Type / Version / Part number	Picture / Drawing
<b>Receptacle, panel mount</b> GBR 7T2/7M Part no. 9077305	
<b>Plug, panel mount</b> GSR 7T2/7M Part no. 9077355	
<b>Plug, cable mount, cable entry top M40</b> KSR 7T2/AO/7M Part no. 9077105	
<b>Plug, cable mount, cable entry side 90° M40</b> KSR 7T2/AS/7M Part no. 9077205	
<b>Receptacle, cable mount, cable entry top M40</b> KBR 7T2/AO/7M Part no. 9077155	
<b>Receptacle, cable mount, cable entry side 90° M40</b> KBR 7T2/AS/7M Part no. 9077255	

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drawing - dimensions in mm [inch]



Part no.	Description	HV contacts	Plug	Receptacle	Cable mount	Connecting thread	Panel mount	Page
9021305	GBR 1T2/2M	2		•			•	158
9021355	GSR 1T2/2M	2	•				•	158
9021015	KSR 1T2/AO/2M	2	•		•	M25		158
9021205	KSR 1T2/AS/2M	2	•		•	M25		158
9021155	KBR 1T2/AO/2M	2		•	•	M25		158
9021255	KBR 1T2/AS/2M	2		•	•	M25		158
9022305	GBR 2T2/2M	4		•			•	159
9022355	GSR 2T2/2M	4	•				•	159
9022105	KSR 2T2/AO/2M	4	•		•	M25		159
9022205	KSR 2T2/AS/2M	4	•		•	M25		159
9022155	KBR 2T2/AO/2M	4		•	•	M25		159
9022255	KBR 2T2/AS/2M	4		•	•	M25		159
9033305	GBR 3T2/3M	6		•			•	160
9033355	GSR 3T2/3M	6	•				•	160
9033105	KSR 3T2/AO/3M	6	•		•	M32		160
9033205	KSR 3T2/AS/3M	6	•		•	M32		160
9033155	KBR 3T2/AO/3M	6		•	•	M32		160
9033255	KBR 3T2/AS/3M	6		•	•	M32		160
9054305	GBR 4T2/5M	8		•			•	161
9054355	GSR 4T2/5M	8	•				•	161
9054105	KSR 4T2/AO/5M	8	•		•	M40		161
9054205	KSR 4T2/AS/5M	8	•		•	M40		161
9054155	KBR 4T2/AO/5M	8		•	•	M40		161
9054255	KBR 4T2/AS/5M	8		•	•	M40		161
9055305	GBR 5T2/5M	10		•			•	162
9055355	GSR 5T2/5M	10	•				•	162
9055105	KSR 5T2/AO/5M	10	•		•	M40		162
9055205	KSR 5T2/AS/5M	10	•		•	M40		162
9055155	KBR 5T2/AO/5M	10		•	•	M40		162
9055255	KBR 5T2/AS/5M	10		•	•	M40		162
9076305	GBR 6T2/7M	12		•			•	163
9076355	GSR 6T2/7M	12	•				•	163
9076105	KSR 6T2/AO/7M	12	•		•	M40		163
9076215	KSR 6T2/AS/7M	12	•		•	M40		163
9076155	KBR 6T2/AO/7M	12		•	•	M40		163
9076255	KBR 6T2/AS/7M	12		•	•	M40		163
9077305	GBR 7T2/7M	14		•			•	164
9077355	GSR 7T2/7M	14	•				•	164
9077105	KSR 7T2/AO/7M	14	•		•	M40		164
9077205	KSR 7T2/AS/7M	14	•		•	M40		164
9077155	KBR 7T2/AO/7M	14		•	•	M40		164
9077255	KBR 7T2/AS/7M	14		•	•	M40		164