

## **Part number references for ICEpower connectors and fuses**

This document contains part number references for the connectors and fuses used on the ICEpower standard modules.

All part numbers are provided in good faith and are believed to be accurate at the time of publication. ICEpower will not accept any responsibility for incorrect information in this document. Please verify all necessary information before placing orders.

Last update: July 19th, 2007.

## Connector part number reference for ICEpower standard modules - A-series

Module	Connector type	Element	Supplier	Qty	Supplier PN	DigiKey P/N	Farnell P/N	ICEpower PN
<b>250A</b>	Power/Speaker	Housing	Molex	1	43025-0800	WM1786-ND	672-919	6277424
		Contact	Molex	8	43030-0007	WM1837-ND	973-3027	
	Signal	Housing	JST	1	PHR-8	455-1189-ND	361-6241	6277456
		Contact	JST	8	SPH-002T-P0.5S	455-1127-1-ND	361-7210	
<b>500A</b>	Power/Speaker	Housing	Molex	1	43025-0800	WM1786-ND	672-919	6277424
		Contact	Molex	8	43030-0007	WM1837-ND	973-3027	
	Signal	Housing	JST	1	PHR-8	455-1189-ND	361-6241	6277456
		Contact	JST	8	SPH-002T-P0.5S	455-1127-1-ND	361-7210	
<b>1000A</b>	Power/Speaker	Housing	Tyco	1	0-928247-4 3-928344-4 5-928344-4	N/A	N/A	6277425
		Contact	Tyco	4	See housing specs	N/A	N/A	
	Signal	Housing	JST	1	PHR-8	455-1189-ND	361-6241	6277456
		Contact	JST	8	SPH-002T-P0.5S	455-1127-1-ND	361-7210	

### Notes:

- 1) ICEpower part numbers refer to fully confectioned evaluation cables.
- 2) Digikey contact part numbers are for single quantities. Available in tape&reel package as well.
- 3) Assembly requires special crimping tools.
- 4) Molex contacts also available in gold-plated finish.

## Connector part number reference for ICEpower standard modules - ASP-series

Module	Connector type	Element	Supplier	Qty	Supplier PN	DigiKey PN	Farnell PN	ICEpower PN
<b>250ASP</b>	Mains	Housing	JST	1	VHR-6N	455-1187-ND		6277695
		Contact	JST	3	SVH-41T-P1.1	455-1319-1-ND	630-500	
	Signal	Housing	JST	1	PHR-9	455-1159-ND	361-6253	6277691
		Contact	JST	9	SPH-002T-P0.5S	455-1127-1-ND	361-7210	
	Speaker	Housing	JST	1	VHR-2N	455-1183-ND	630-470	6277692
		Contact	JST	2	SVH-41T-P1.1	455-1319-1-ND	630-500	
	DC-Bus	Housing	JST	1	VHR-6N	455-1187-ND		6277694
		Contact	JST	6	SVH-41T-P1.1	455-1319-1-ND	630-500	
<b>500ASP</b>	Mains	Housing	JST	1	VHR-6N	455-1187-ND		6277695
		Contact	JST	3	SVH-41T-P1.1	455-1319-1-ND	630-500	
	Signal	Housing	JST	1	PHR-9	455-1159-ND	361-6253	6277691
		Contact	JST	9	SPH-002T-P0.5S	455-1127-1-ND	361-7210	
	Speaker	Housing	JST	1	VHR-4N	455-1185-ND	630-494	6277693
		Contact	JST	4	SVH-41T-P1.1	455-1319-1-ND	630-500	
	DC-Bus	Housing	JST	1	VHR-6N	455-1187-ND		6277694
		Contact	JST	6	SVH-41T-P1.1	455-1319-1-ND	630-500	
<b>1000ASP</b>	Mains	Housing	JST	1	VHR-6N	455-1187-ND		6277695
		Contact	JST	3	SVH-41T-P1.1	455-1319-1-ND	630-500	
	Signal	Housing	JST	1	PHR-9	455-1159-ND	361-6253	6277691
		Contact	JST	9	SPH-002T-P0.5S	455-1127-1-ND	361-7210	
	Speaker	Housing	JST	1	VHR-4N	455-1185-ND	630-494	6277693
		Contact	JST	4	SVH-41T-P1.1	455-1319-1-ND	630-500	
	DC-Bus	Housing	JST	1	VHR-6N	455-1187-ND		6277694
		Contact	JST	6	SVH-41T-P1.1	455-1319-1-ND	630-500	

### Notes:

- 1) ICEpower part numbers refer to fully confectioned evaluation cables.
- 2) Digikey contact part numbers are for single quantities. Available in tape&reel package as well.
- 3) Assembly requires special crimping tools.

## Fuse part number reference for ICEpower standard modules - ASP-series

Module	Mains Voltage	Fuse Rating	Qty	Approved Types	Supplier
<b>250ASP</b>	115V	3.15A	1	Series 181 or Series 215	Wickmann/Littelfuse
	230V	2.5A	1		Wickmann/Littelfuse
<b>500ASP</b>	115V	6.3A	1	Series 181 or Series 215	Wickmann/Littelfuse
	230V	3.15A	1		Wickmann/Littelfuse
<b>1000ASP</b>	115V	10A	1	Series 181 or Series 215	Wickmann/Littelfuse
	230V	6.3A	1		Wickmann/Littelfuse

Distributor Europe: [www.farnell.com](http://www.farnell.com)

Distributor North America: [www.fusesunlimited.com](http://www.fusesunlimited.com)

### Notes:

1) The safety-approvals on the modules are only valid with fuses of the above types and specifications.

## Connector part number reference for ICEpower standard modules - ASC-series

Module	Connector type	Element	Supplier	Qty	Supplier PN	DigiKey PN	Farnell PN	ICEpower PN
<b>200ASC</b>	Mains	Housing	JST	1	VHR-3N	455-1184-ND	630-482	6277847
		Contact	JST	2	SVH-41T-P1.1	455-1319-1-ND	630-500	
	Signal	Housing	JST	1	EHR-8	455-1006-ND		6277846
		Contact	JST	8	SEH-001T-P0.6	455-1042-1-ND		
	Speaker	Housing	JST	1	VHR-2N	455-1183-ND	630-470	6277692
		Contact	JST	2	SVH-41T-P1.1	455-1319-1-ND	630-500	
	Auto On/Off	Housing	JST	1	EHR-2	455-1000-ND		6277849
		Contact	JST	2	SEH-001T-P0.6	455-1042-1-ND		
	LED Output	Housing	JST	1	EHR-3	455-1001-ND		6277848
		Contact	JST	3	SEH-001T-P0.6	455-1042-1-ND		
	DC-Out (47V)	Housing	JST	1	NVR-02	Not available		6277922
		Contact	JST	2	SVH-41T-P1.1	455-1319-1-ND	630-500	
<b>200AC</b>	47V Supply	Housing	JST	1	NVR-02	Not available		6277964
		Contact	JST	2	SVH-41T-P1.1	455-1319-1-ND	630-500	
	+/- 12V Supply	Housing	JST	1	EHR-3	455-1001-ND		6277920
		Contact	JST	3	SEH-001T-P0.6	455-1042-1-ND		
	Signal	Housing	JST	1	EHR-6	455-1004-ND		6277923
		Contact	JST	8	SEH-001T-P0.6	455-1042-1-ND		
	Speaker	Housing	JST	1	VHR-2N	455-1183-ND	630-470	6277692
		Contact	JST	2	SVH-41T-P1.1	455-1319-1-ND	630-500	

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- 3) Assembly requires special crimping tools.

## Connector part number reference for ICEpower standard modules - ASX-series

Module	Connector type	Element	Supplier	Qty	Supplier PN	DigiKey PN	Farnell PN
<b>50ASX2(SE)</b>	Mains	Housing	JST	1	VHR-3N	455-1184-ND	630-482
		Contact	JST	2	SVH-41T-P1.1	455-1319-1-ND	630-500
	Signal	Housing	JST	1	PHR-7	455-1161-ND	361-6230
		Contact	JST	7	SPH-002T-P0.5S	455-1127-1-ND	361-7210
	Speaker 1	Housing	JST	1	VHR-2N	455-1183-ND	630-470
		Contact	JST	2	SVH-41T-P1.1	455-1319-1-ND	630-500
	Speaker 2	Housing	JST	1	VHR-2N	455-1183-ND	630-470
		Contact	JST	2	SVH-41T-P1.1	455-1319-1-ND	630-500
	AUX-supply	Housing	JST	1	PHR-3	455-1126-ND	361-6198
		Contact	JST	3	SPH-002T-P0.5S	455-1127-1-ND	361-7210
<b>50ASX2(BTL)</b>	Mains	Housing	JST	1	VHR-3N	455-1184-ND	630-482
		Contact	JST	2	SVH-41T-P1.1	455-1319-1-ND	630-500
	Signal	Housing	JST	1	PHR-7	455-1161-ND	361-6230
		Contact	JST	7	SPH-002T-P0.5S	455-1127-1-ND	361-7210
	Speaker 1	Not used					
	Speaker 2	Housing	JST	1	VHR-2N	455-1183-ND	630-470
		Contact	JST	2	SVH-41T-P1.1	455-1319-1-ND	630-500
	AUX-supply	Housing	JST	1	PHR-3	455-1126-ND	361-6198
		Contact	JST	3	SPH-002T-P0.5S	455-1127-1-ND	361-7210
<b>125ASX2 (preliminary specification)</b>	Mains	Housing	JST	1	VHR-3N	455-1184-ND	630-482
		Contact	JST	2	SVH-41T-P1.1	455-1319-1-ND	630-500
	Signal	Housing	JST	1	PHR-8	455-1189-ND	361-6241
		Contact	JST	8	SPH-002T-P0.5S	455-1127-1-ND	361-7210
	Speaker	Housing	JST	1	VHR-4N	455-1185-ND	630-494
		Contact	JST	4	SVH-41T-P1.1	455-1319-1-ND	630-500
	AUX-supply	Housing	JST	1	PHR-3	455-1126-ND	361-6198
		Contact	JST	3	SPH-002T-P0.5S	455-1127-1-ND	361-7210
<b>250ASX2</b>	Mains	Housing	JST	1	VHR-3N	455-1184-ND	630-482
		Contact	JST	2	SVH-41T-P1.1	455-1319-1-ND	630-500
	Signal	Housing	JST	1	PHR-8	455-1189-ND	361-6241

<b>250ASX2</b> <b>(preliminary specification)</b>	Signal	Contact	JST	8	SPH-002T-P0.5S	455-1127-1-ND	361-7210
	Speaker	Housing	JST	1	VHR-6N	455-1187-ND	
		Contact	JST	6	SVH-41T-P1.1	455-1319-1-ND	630-500
	AUX-supply	Housing	JST	1	PHR-3	455-1126-ND	361-6198
		Contact	JST	3	SPH-002T-P0.5S	455-1127-1-ND	361-7210

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- 3) Assembly requires special crimping tools.