

EVH2 series

Introduction

- Comply with JONHON standard Q/21EJ4769.
- Vehicle high voltage interlock connector, plastic housing, direct push-pull quick locking, secondary unlocking, reliable connection and convenient operation, multiple keying error proof, high voltage interlock, shielding, water proof, etc.



Application

Used for high voltage connection between OBC, battery pack, PDU, MCU, air conditioner, PTC and other components; built-in short-circuit loop for control.

Main technical performance

Rated current: 20A, 32A, 40A

Rated voltage: 1000V AC/1000V DC

Working temp: -40°C ~ 125°C

IP degree: IP67, IPXXB

Ordering information

Series name	EVH2 - M 4 T K W 2 - R C L A G001
Separator	-
Housing No.	M, N
No. of pins	2, 3, 4.....
Plug/receptacle type	T: plug Z: receptacle
Contact type	J: pin K: socket
Interlock	Default: with interlock W: without interlock
No. of contacts	Default: full load 2, 4.....
Separator	-
Cable cross-section	R: 2.5 mm ² shielded cable S: 4 mm ² shielded cable T: 6 mm ² shielded cable R1: 2.5 mm ² unshielded cable S1: 4 mm ² unshielded cable T1: 6 mm ² unshielded cable Default: order separately PN
Sealing	Default: single-core cable sealed C: multi-core cable sealed
Type and mode	L: outlet of plug signal wire D: short circuit of plug signal wire U: free receptacle Default: flange receptacle (with mounting error proof) N: flange receptacle (without mounting error proof)
Keying	A, B, C, D.....
Modification	G001, G002

Example

EVH2-M2TK-DA: EVH2 series, housing M, 2-pin plug, single-core cable sealed, signal short circuit, A keying

Recommended models

Note: cable parts and adapted contacts need to be ordered separately. For details, please refer to the corresponding specifications.

No. of pins	Appearance	Model list	Product description
2-pin plug		EVH2-M2TK-DA	Adapted with single-core 2.5 ~ 4 mm ² shielded cable, signal short circuit, A keying, plug
2-pin receptacle		EVH2-M2ZJ-A	Adapted with single-core 2.5 ~ 4 mm ² unshielded cable, with mounting error proof, A keying, receptacle
		EVH2-M2ZJ-NA	Adapted with single-core 2.5 ~ 4 mm ² unshielded cable, without mounting error proof, A keying, receptacle
2-pin free receptacle		EVH2-M2ZJ-UA	Adapted with single-core 2.5 ~ 4 mm ² shielded cable, A keying, free receptacle
2-pin multi-core cable plug		EVH2-M2TK-CDA	Adapted with multi-core 2 × 2.5 mm ² shielded cable, multi-core cable sealed, signal short circuit, A keying, plug
2-pin plug		EVH2-N2TK-DA	Adapted with single-core 4 ~ 6 mm ² shielded cable, signal short circuit, A keying, plug
2-pin receptacle		EVH2-N2ZJ-A	Adapted with single-core 4 ~ 6 mm ² unshielded cable, with mounting error proof, A keying, receptacle
		EVH2-N2ZJ-NA	Adapted with single-core 4 ~ 6 mm ² unshielded cable, without mounting error proof, A keying, receptacle

No. of pins	Appearance	Model list	Product description
4-pin plug		EVH2-M4TK-DA	Adapted with single-core 2.5 ~ 4 mm ² shielded cable, signal short circuit, A keying, plug
4-pin receptacle		EVH2-M4ZJ-A	Adapted with single-core 2.5 ~ 4 mm ² unshielded cable, with mounting error proof, A keying, receptacle
		EVH2-M4ZJ-NA	Adapted with single-core 2.5 ~ 4 mm ² unshielded cable, without mounting error proof, A keying, receptacle
4-pin plug		EVH2-N4TK-DA	Adapted with single-core 2.5 ~ 6 mm ² shielded cable, signal short circuit, A keying, plug
4-pin receptacle		EVH2-N4ZJ-A	Adapted with single-core 2.5 ~ 6 mm ² unshielded cable, with mounting error proof, A keying, receptacle
		EVH2-N4ZJ-NA	Adapted with single-core 2.5 ~ 6 mm ² unshielded cable, without mounting error proof, A keying, receptacle
6-pin plug		EVH2-N6TK-A	Adapted with single-core 2.5 ~ 6 mm ² shielded cable, signal short circuit, A keying, plug
6-pin receptacle		EVH2-N6ZJ-A	Adapted with single-core 2.5 ~ 6 mm ² unshielded cable, with mounting error proof, A keying, receptacle