HDC EN 0004

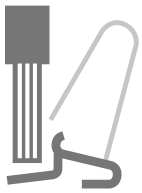
SNAP IN History

The SNAP IN technology
This connection method is based on a tension clamp connection, which is only closed after the conductor has been inserted into the clamping point. The clamping point is opened before.

Advantages
Time-saving connection
Easy handling
Audible latch

History
In the beginning, heavy-duty connectors were only offered as crimp and screw terminals. However, special tools are required for crimping and the built-in screw connection does not include built-in vibration protection. This is why tension spring technology was added a few years ago. Due to the constant contact pressure of the conductor on the busbar by the built-in spring, a safe system was invented here over many years. The disadvantage of this technology is the closed connection point. Before a conductor can be connected, the connection must first be opened. This problem was solved by the successor technology PUSH IN. The connection is still closed but due to the special position of the spring, conductors can be inserted without opening the spring separately.

Fixed pole SNAP IN insert



This difficulty was solved by the SNAP IN technology. With SNAP IN, the connection point is open before connection and it closes automatically when the conductor has reached the end of the chamber. Thanks to this technology, there is no longer any need to apply force to the conductor to open the spring. The conductors can be used with or without ferrules. They should only be stable enough to operate the release mechanism.

Application and areas of use
The SNAP IN technology uses the PUSH IN tension spring technology as a basis and thus offers all the advantages of vibration-proof connection and can therefore be used in the same applications.

Part numbers SNAP IN inserts

Description	Part number	Pol number	Size	Version
HDC HE 06 FQT	2666920000	6	3	Female
HDC HE 6 MQT	2666910000	6	3	Male
HDC HE 10 FQT	2666930000	10	4	Female
HDC HE 10 MQT	2666940000	10	4	Male
HDC HE 16 FQT	2666950000	16	6	Female
HDC HE 16 FQT 17 - 32	2666960000	16	6	Female
HDC HE 16 MQT	2666970000	16	6	Male
HDC HE 16 MQT 17 - 32	2666980000	16	6	Male
HDC HE 24 FQT	2666990000	24	8	Female
HDC HE 24 FQT 25 - 48	2667000000	24	8	Female
HDC HE 24 MQT	2667010000	24	8	Male
HDC HE 24 MQT 25 - 48	2667020000	24	8	Male

Contact:
Weidmüller Interface GmbH &Co. KG
Klingenbergstr. 26
32758 Detmold
Tel: 05231 14 29 0
E-mail address for technical questions:
support_hdc@weidmueller.com