

## SEK-18 SV FE TYPA ZGL 40P PL3 BULK



Part number	09 18 540 7813 58U
Specification	SEK-18 SV FE TYPA ZGL 40P PL3 BULK
HARTING eCatalogue	https:// b2b.harting.com/0918540781358U

Image is for illustration purposes only. Please refer to product description.

#### Identification

Category	Connectors
Series	SEK
Element	Female connector

#### Version

Connection type	PCB to cable
Number of contacts	40
Strain relief	With strain relief clamp
Details	for IDC flat cable 1.27 mm (0.050") pitch AWG 28/7 - AWG 26/7
Pack contents	1000 pieces

### **Technical characteristics**

Contact rows	2
Contact spacing (termination side)	2.54 mm
Contact spacing (mating side)	1.27 mm
Rated current	2.5 A
Insulation resistance	>10 <sup>9</sup> Ω
Contact resistance	≤20 mΩ
Limiting temperature	-55 +125 °C
Insertion force	≤120 N
Withdrawal force	≤120 N
Performance level	3 acc. to IEC 60603-13

Page 1 / 3 | Creation date 2024-04-27 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



#### Technical characteristics

Mating cycles	≥50
Test voltage U <sub>r.m.s.</sub>	1 kV
Isolation group	Illa (175 ≤ CTI < 400)

#### Material properties

Material (insert)	Thermoplastic resin (PBT)
Colour (insert)	Grey
Material (contacts)	Copper alloy
Surface (contacts)	Noble metal over Ni Mating side Sn over Ni Termination side
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Yes
California Proposition 65 substances	Antimony trioxide Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

#### Specifications and approvals

GTIN

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Specifications	IEC 60603-13
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
Railway classification	F3/I3
Commercial data	
Packaging size	1,000
Net weight	1.04 g
Country of origin	Romania
European customs tariff number	85366990

Page 2 / 3 | Creation date 2024-04-27 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com

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Product data sheet 09 18 540 7813 58U SEK-18 SV FE TYPA ZGL 40P PL3 BULK



#### Commercial data

ETIM

eCl@ss

EC002637

27460202 PCB connector (conductor connection)

Page 3 / 3 | Creation date 2024-04-27 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com

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