

SEK-18 SV FE TYPA ANS ZGL 06P PL3



Part number	09 18 506 7814
Specification	SEK-18 SV FE TYPA ANS ZGL 06P PL3
HARTING eCatalogue	https://b2b.harting.com/09185067814

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

Identification

Category	Connectors
Series	SEK
Element	Female connector
Specification	Closed end cover

Version

Connection type	PCB to cable
Number of contacts	6
Strain relief	With strain relief clamp
Details	for IDC flat cable 1.27 mm (0.050") pitch AWG 28/7 - AWG 26/7

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 ⁹ Ω
Contact resistance	≤20 mΩ
Limiting temperature	-55 +125 °C
Insertion and withdrawal force	≤18 N
Performance level	3 acc. to IEC 60603-13
Mating cycles	≥50

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Technical characteristics

Isolation group Illa (175 ≤ CTI + Material properties Material (insert) Colour (insert) Grey	< 400)
Material (insert) Thermoplastic r	
Material (insert) Thermoplastic r	
Colour (insert) Grey	resin (PBT)
Material (contacts) Copper alloy	
Surface (contacts)Noble metal over Sn over Ni Terr	er Ni Mating side nination 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 trioxic Nickel	Je
Requirement set with Hazard Levels R26	
Specifications and approvals	
Specifications IEC 60603-13	
UL / CSA UL 1977 ECBT CSA-C22.2 No.	2.E102079 . 182.3 ECBT8.E102079
Railway classification F3/I3	
Commercial data	
Packaging size 100	
Net weight 1.85 g	
Country of origin Romania	
European customs tariff number 85366990	
	9
GTIN 571314021089	

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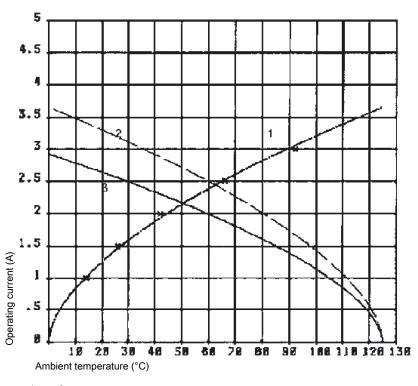


Since 1945

Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (nonintermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



① Temperature raise

Derating curve

③ Derating curve 80%

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