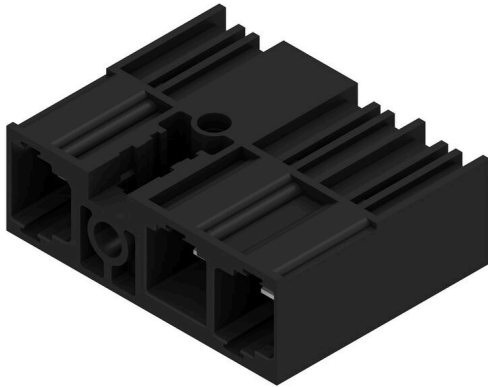


SU 10.16IT/03/90MF2 3.5AG BK BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Product image



Male header with middle solder flange fastening in 10.16 pitch for 400-V IT systems according to IEC 61800-5-1. UL approval in compliance with UL840 (600 V) when using leading contact. When used together with the BUZ 10.16 IT, they comply with the expanded requirements for 5.5 mm of touch protection with IT systems (400 V relative to earth), according to IEC 61800-5-1. The middle-flange interlock feature decreases the space required by one pitch width when compared to other standard solutions. Available on request with screw flange or without flange.

General ordering data

Version	PCB plug-in connector, male header, closed side, Middle flange, THT solder connection, 10.16 mm, Number of poles: 3, 90°, Solder pin length (l): 3.5 mm, silver-plated, black, Box
Order No.	1156670000
Type	SU 10.16IT/03/90MF2 3.5AG BK BX
GTIN (EAN)	4032248943654
Qty.	42 items
Product data	IEC: 1000 V / 78.3 A UL: 300 V / 60 A
Packaging	Box

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Dimensions and weights

Net weight	14.05 g
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Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

System specifications

Product family	OMNIMATE Power - series BU/SU 10.16IT				
Type of connection	Board connection				
Mounting onto the PCB	THT solder connection				
Pitch in mm (P)	10.16 mm				
Pitch in inches (P)	0.400 "				
Outgoing elbow	90°				
Number of poles	3				
Number of solder pins per pole	3				
Solder pin length (l)	3.5 mm				
Solder pin length tolerance	+0.1 / -0.3 mm				
Solder pin dimensions	1.2 x 1.1 mm				
Solder pin dimensions = d tolerance	+0.1 / -0.1 mm				
Solder eyelet hole diameter (D)	1.6 mm				
Solder eyelet hole diameter tolerance (D)	+ 0,1 mm				
L1 in mm	30.48 mm				
L1 in inches	1.200 "				
Number of rows	1				
Pin series quantity	1				
Touch-safe protection acc. to DIN VDE 57 106	Safe from finger touch, plugged				
Touch-safe protection acc. to DIN VDE 0470	IP20 plugged				
Volume resistance	2.00 mΩ				
Can be coded	Yes				
Tightening torque	Torque type	Mounting screw, PCB			
	Usage information	Thickness	min.	1.44 mm	
			max.	1.76 mm	
		Tightening torque	min.	0.25 Nm	
			max.	0.3 Nm	
		Recommended screw	Part number	SU 10.16 BFSC P 35X 14	
			Thickness	min.	2.88 mm
		max.		3.52 mm	
		Tightening torque	min.	0.2 Nm	
			max.	0.25 Nm	

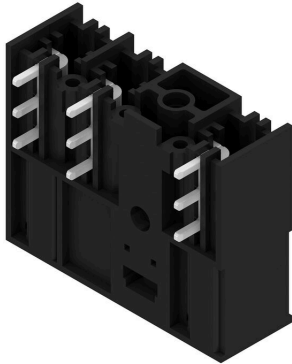
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Drawings

Product image



Dimensional drawing



Example of use



