

AST 16.3/2.8



Weidmüller Interface GmbH & Co. KG

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Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Product image







To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

ed-through terminal block, Flat-blade connec- n, beige / yellow, 2.5 mm², 20 A, 500 V, Num- of connections: 4
<u>78260000</u>
Т 1 6.3/2.8
08190003043
items



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Technical data

Approvals	200246 Will 201220	TO LEADER TO SEE AND ADDRESS DESCRIPTION OF THE PERSON OF	
Арріovais	(€ ⊕ (SN CA	
ROHS	Conform	5500055655c	
UL File Number Search	<u>UL Website</u>		
Certificate No. (UR)	E60693		
Dimensions and weights			
Donath	46	Donth (inches)	1 0 1 1 in ala
Depth Height	46 mm 58 mm	Depth (inches) Height (inches)	1.811 inch 2.2835 inch
Height Width	6.5 mm	Width (inches)	0.2559 inch
Net weight	10.84 g	viati (iiciics)	0.2333 111011
Temperatures			
•			
Storage temperature	-25 °C55 °C	Ambient temperature	-5 °C40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	100 °C
Environmental Product Comp	oliance		
RoHS Compliance Status	Compliant without exemption	on	
REACH SVHC	No SVHC above 0.1 wt%		
Material data			
Basic material	PA 66	Colour	beige / yellow
UL 94 flammability rating	V-2		
System specifications			
Version	With cable lug connection F2.8, With cable lug connection F6.3, for screwable crossconnection, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	4	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 32	N-function	No
PE function	No	PEN function	No
Additional technical data			
Open sides	right	Number of similar terminals	1
Installation advice	Direct mounting	Explosion-tested version	No No
	Snap-on		
Type of mounting	• · · · · - · · · ·		
CSA rating data			
	300 V	Current size C (CSA)	16 A

Creation date 28.11.2025 09:29:22 MEZ

Certificate No. (CSA)

Catalogue status / Drawings

12400-142



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Technical data

Conductors for Claimbing (additional Connection)	rs for clamping (additional connectio	n)
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Connection type, additional connection Flat-blade connection

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 12	Connection direction	top
Type of connection	Flat-blade connection	Number of connections	4
Clamping range, max.	2.5 mm ²	Clamping range, min.	0.5 mm ²
Wire connection cross section AWG, min.	AWG 20	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²	Wire connection cross section, finely stranded, max.	2.5 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	Connection cross-section, stranded, max.	2.5 mm ²
Connection cross-section, stranded, m	in. 0.5 mm²	Wire connection cross-section, solid core, max.	2.5 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²	Connection cross-section, finely stranded, min.	0.5 mm ²

General

Wire connection cross section AWG,	AWG 12	Installation advice	Direct mounting
max.			
Wire connection cross section AWG,	AWG 20	Standards	IEC 61210, In accordance
min.			with IEC 60947-7-1
Mounting rail	TS 32	•	

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	20 A
Current at maximum wires	20 A	Standards	IEC 61210, In accordance with IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	0.77 W	Pollution severity	3

UL rating data

Current size C (UR)	13 A	Voltage size C (UR)	300 V	
Certificate No. (UR)	E60693			

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20
ECLASS 13.0	27-25-01-01	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		

Catalogue status / Drawings