Data sheet

ZDU 6/3AN GY

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

www.weidmueller.com



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

Version	Feed-through terminal, 6 mm², 41 A, grey
Order No.	2813600000
Type	ZDU 6/3AN GY
GTIN (EAN)	4064675297574
Qty.	50 items
Delivery status	Discontinued
Available until	2023-12-06T00:00:00+01:00

Data sheet

ZDU 6/3AN GY

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

www.weidmueller.com

Technical data

Dimensions and weights

Depth	45 mm	Depth (inches)	1.7716 inch
Height	90 mm	Height (inches)	3.5433 inch
Width	8.1 mm	Width (inches)	0.3189 inch
Net weight	0.57 g		

Temperatures

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Environmental Product Compliance

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

Material data

Basic material	Wemid	Colour	grey
UL 94 flammability rating	V-0		

System specifications

Version	Tension-clamp connection, for plug-in cross-connector, One end without connector	End cover plate required	Yes
Number of levels	1	Number of clamping points per level	3
Levels cross-connected internally	No		

Additional technical data

Explosion-tested version	Yes	Type of mounting	Snap-on

Conductors for clamping (rated connection)

Connection direction	top	Number of connections	3
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²
Wire connection cross section, finely stranded, max.	6 mm²	Wire connection cross section, finely stranded, min.	0.5 mm²
Wire connection cross-section, solid core, max.	10 mm²	Wire connection cross-section, solid core, min.	0.5 mm²

Rating data

Rated cross-section	6 mm²	Nominal current	41 A
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Pollution severity	3

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-01

ZDU 6/3AN GY

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

www.weidmueller.com

Technical data

ECLASS 15.0	27-25-01-01

ZDU 6/3AN GY

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

www.weidmueller.com

Drawings

