oO	
General ordering data	
Order No.	1040400000
Part designation	WDU 35N
Version	Feed-through terminal, 35 mm <sup>2</sup> , Screw
	connection, Wemid, dark beige, TS 35
EAN	4008190351816
Qty.	20 pc(s).
	20 \$0(0).
Product notes Note, technical data	The tightening torque is 4.5 Nm for 16 - 50 mm <sup>2</sup>
Product description	and AWG 6 - 2/7 stranded conductors. Copper straps can be used; possible connections: 3 to 9 layers 9 x 0.8 mm. Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.
2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)	
Solid, min.	2.5 mm <sup>2</sup>
Solid, max.	6 mm <sup>2</sup>
Flexible, min.	2.5 mm²
Flexible, max.	6 mm²
Flexible with ferrule, min. (DIN 46228 pt 1)	2.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	6 mm <sup>2</sup>
Additional technical data	
Colour of insulating material	dark beige
Connection direction	on side
End plate required	No
Explosion-tested version "Ex e"	No
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No
No. of identical terminals	1
	-1- Weidmüller 🔀

Additional Identicational     No. of levels     No. of treminal strips per level     2     Open sides     Closed     Open sides     Type of connection     Screwed     Type of connection     Screwed     Version     Fed-through terminal     Concluster     Volage (CSA)     300 V     CSA crainerd th     Nin, cross-section (CSA)     AWG 2     Conductors for clamping (relad connection)     Clamping range, min.     Screw connection     <		
No. of terminal strips per level2Open sidesclosedOperating temperature range- 50 °C, + 120 °CProduct familyW-SeriesType of connectionScrewedSnap-onUL 94 flammability rating of insulation materialV-0VersionVersionFeed-through terminalCSA current CSA)300 VCSA current CSA)AWG 12Max. cross-section (CSA)AWG 2Conductors for clamping (rated connection)ScrewedClamping range, min.2.5 mm²Clamping range, max.50 mm²Type of connectionscrewedStripping length18 mmClamping screwM 6Blade size6.5 x 1.2 mmStripping lorque range4.050 NmGauping screwM 6Blade size6.5 x 1.2 mmSolid, min.2.5 mm²Solid, min.2.5 mm²Stranded, max., forrule with plastic collar (DIN35 mm²	Additional technical data	1
Open sides   closed     Operating temperature range   -50°, + 120°C     Product family   W-Series     Type of connection   Screwed     Type of connection   Screwed     UL 94 flammability rating of insulation material   V-0     Version   Feed-through terminal     CSA current   10 A     Min. cross-section (CSA)   AWG 12     Max. cross-section (CSA)   AWG 2     Conductors for clamping (rated connection)   Clamping range, min.     Clamping range, min.   2.5 mm²     Clamping range   4.050 Nm     Gauge to IEC 60947-1   Ba     Bade size   6.5 x 1.2 mm     Solid, max.		
Operating temperature range   - 50 °C, + 120 °C     Product family   W-Series     Type of connection   Screwed     Type of mounting   Snap-on     UL 94 flammability rating of insulation material   V-0     Version   Feed-through terminal     CSA current   10 A     Min. cross-section (CSA)   AWG 2     Conductors for clamping (rated connection)   AWG 2     Clamping range, min.   2.5 mm²     Clamping range, min.   50 mm²     Type of connection   Screw connection     Stripping range, max.   50 mm²     Type of connection   screw connection     No. of connections   2     Stripping length   18 mm     Clamping screw   M 6     Blade size   6.5 x 1.2 mm     Clanging screw   M 6     Blade size   5.5 mn²     Stranded, max.   16 mm²     Stranded, min.   2.5 mm²     Stranded, max.   50 mm²     Flexible min. (DIN 46228/1)   35 mm²     Flexible, min., ferrule with plastic collar (DIN <t< td=""><td></td><td></td></t<>		
Product familyW-SeriesType of connectionScrewedType of mountingSnap-onUL 94 flammability rating of insulation materialV-0VersionFeed-through terminalCSA rating classVoltage (CSA)300 VCSA rating classVoltage (CSA)AWG 12Max. cross-section (CSA)AWG 12Conductors for clamping (rated connection)Clamping range, min.2.5 mm²Conductors for clamping (rated connection)Clamping range, min.2.5 mm²Connection ScrewedConnectionSitipping length18 mmConnectionon sideNo. of connections2Stripping length18 mmClamping screwM 6Stranded, min.2.5 mm²Solid, min.Stranded, min. <td< td=""><td>•</td><td></td></td<>	•	
Type of connection   Screwed     Type of nounting   Snap-on     UL 94 flammability rating of insulation material   V-0     Version   Feed-through terminal     CSA rating deta		
Type of mountingSnap-onUL 94 flammability rating of insulation materialV-0VersionFeed-through terminalCSA rating dataVoltage (CSA)300 VCSA current10 AMVG 12MAWG 12MAWG 2Conductors for champing (rated connection)Clamping range, min.2.5 mm²Clamping range, min.2.5 mm²Connection (CSA)A WG 2Conductors for champing (rated connection)CarewedConnectionCarewedConnectionStrew connectionD arewedConnectionStrew connectionCarewedConnectionStrewedConnectionStrewedConnectionStrewedConnectionStrewedConnectionStrewedConnectionStrewedConnectionStrewedConnectionStrewedStrewedStrewedStremeStremeStrem		
ÚL 94 flammability rating of insulation material V-0   Version Feed-through terminal   CSA rating data Voltage (CSA)   Voltage (CSA) 300 V   CSA current 10 A   Min. cross-section (CSA) AWG 12   Max. cross-section (CSA) AWG 2   Conductors for champing (rated connection) Clamping range, min.   Clamping range, max. 50 mm²   Type of connection Screw connection   Connection direction on side   No. of connections 2   Stripping length 18 mm   Clamping screw M 6   Blade size 6.5 x 1.2 mm   Gauge to EC 60947-1 B8   Solid, min. 2.5 mm²   Stranded, min. 2.5 mm²   Stranded, min. 2.5 mm²   Stranded, max. 50 mm²   Flexible, max., forrule with plastic coll		
Version Feed-through terminal   OSA rating data 300 V   Voltage (CSA) 300 V   CSA current 10 A   Min. cross-section (CSA) AWG 12   Max. cross-section (CSA) AWG 2   Conductors for clamping (reled connection) Clamping range, min.   Clamping range, min. 2.5 mm²   Clamping range, max. 50 mm²   Type of connection Screw connection   At type of connection on side   No. of connection on side   No. of connections 2   Stripping length 16 mm   Cladaping range, max. 50 Mm²   Solid, min. 2.5 mm²   Stripping length 16 mm   Cladaping acrew M 6   Blade size 6.5 N 12 mm   Tightening torque range 4.05 0 Nm   Gauge to IEC 60947-1 B8   Solid, max. 16 mm²   Stranded, max. 50 mm²   Flexible, min. 2.5 mm²   Stranded, max. 50 mm²   Flexible, min., ferrule with plastic collar (DIN 2.5 mm²   Flexible, min		
CSA rating data     Voltage (CSA)   300 V     CSA current   10 A     Min. cross-section (CSA)   AWG 12     Max. cross-section (CSA)   AWG 2     Conductors for clamping (rated connection)   Clamping range, min.     Clamping range, max.   50 mm²     Type of connection   Screw connection     Connection direction   on side     No. of connections   2     Stripping length   18 mm     Clamping screw   M 8     Blade size   6.5 x 1.2 mm²     Gauge to IEC 60947-1   B8     Solid, min.   2.5 mm²     Stranded, min.   2.5 mm²     Stranded, max.   50 mm²     Flexible, min.   2.5 mm²     Stranded, max.   50 mm²     Flexible, max.   36 mm²     Flexible, min.   2.5 mm²     Flexible, max., ferrule with plastic collar (DIN   35 mm²     Flexible, max., ferrule with plastic collar (DIN   35 mm²     Flexible, max, ferrule with plastic collar (DIN   35 mm²     Flexible, max, ferrule with plastic collar (DIN	, ,	
Voltage (CSA)300 VCSA current10 AMin. cross-section (CSA)AWG 12Max. cross-section (CSA)AWG 2Conductors for clamping (rated connection)Clamping range, min.2.5 mm²Clamping range, max.50 mm²Type of connectionScrew connection2nd type of connectionon sideNo. of connection directionon sideNo. of connections2Stripping length18 mmClamping screwM 6Blade size6.5 x 1.2 mmTightening torque range405.0 NmGauge to IEC 60947-1B8Solid, max.16 mm²Stranded, min.2.5 mm²Stranded, min.2.5 mm²Flexible, min.2.5 mm²Flexible, min.2.5 mm²Flexible, min.2.5 mm²Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)35 mm²Flexible, max, ferrule with plastic collar (DIN 46228 pt 4)35 mm²Flexible, max, ferrule with plastic collar (DIN 46228 pt 4)35 mm²Conductor size, min.3.41 mm²Width16 mmHeight of lowest version31 mm²Length66 mmWidth66 mmLength66 mmWeight52 g	Version	Feed-through terminal
Voltage (CSA)300 VCSA current10 AMin. cross-section (CSA)AWG 12Max. cross-section (CSA)AWG 2Conductors for clamping (rated connection)Clamping range, min.2.5 mm²Clamping range, max.50 mm²Type of connectionScrew connection2nd type of connectionon sideNo. of connection directionon sideNo. of connections2Stripping length18 mmClamping screwM 6Blade size6.5 x 1.2 mmTightening torque range405.0 NmGauge to IEC 60947-1B8Solid, max.16 mm²Stranded, min.2.5 mm²Stranded, min.2.5 mm²Flexible, min.2.5 mm²Flexible, min.2.5 mm²Flexible, min.2.5 mm²Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)35 mm²Flexible, max, ferrule with plastic collar (DIN 46228 pt 4)35 mm²Flexible, max, ferrule with plastic collar (DIN 46228 pt 4)35 mm²Conductor size, min.3.41 mm²Width16 mmHeight of lowest version31 mm²Length66 mmWidth66 mmLength66 mmWeight52 g	CSA rating data	
CSA ourent10 AMin. cross-section (CSA)AWG 12Max. cross-section (CSA)AWG 2Clamping range, min.2.5 mm²Clamping range, max.50 mm²Type of connectionScrew connection2nd type of connectionscrewedConcision0 n sideNo. of connections2Stripping length18 mmClamping screwM 6Blade size6.5 x 1.2 mmTightening torque range4.050 NmGauge to IEC 60947-1B8Solid, min.2.5 mm²Stranded, min.2.5 mm²Stranded, min.2.5 mm²Stranded, min.2.5 mm²Flexible, min.2.5 mm²Flexible, min.2.5 mm²Flexible, min.2.5 mm²Flexible, min.2.5 mm²Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)35 mm²Flexible, max, ferrule with plastic collar (DIN 46228 pt 4)35 mm²AWG conductor size, max.AWG 1/0AWG conductor size, max.3.31 mm²AWG conductor size, max.4.2.41 mm²Dimensions51 mm 4624 ptLength66 mm 4628 ptDimensions51 mm 4628 ptDimensions51 mm 4628 ptLength66 mm 466 mmWeight52 g		300.1/
Min. cross-section (CSA)AWG 12 AWG 2Max. cross-section (CSA)AWG 2Conductors for clamping (rated connection)Clamping range, min.Clamping range, min.2.5 mm²ConnectionScrew connection2nd type of connectionscrewedConnection directionon sideNo. of connections2Stripping length18 mmClamping screwM 6Blade size6.5 x 1.2 mmGauge to IEC 60947-1B8Solid, min.2.5 mm²Stranded, min.2.5 mm²Flexible, min.2.5 mm²Flexible, min.2.5 mm²Flexible, min.2.5 mm²Flexible, min., ferrule with plastic collar (DIN 46228/1)35 mm²Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)35 mm²Flexible, max, ferrule with plastic collar (DIN 46228 pt 4)33 mm²Stranded cord cords rate, min.3.31 mm²AWG conductor size, min.3.31 mm²AWG conductor size, min.3.31 mm²AWG conductor size, min.3.31 mm²AWG conductor size, min.3.31 mm²Length66 mmWeight66 mmWeight62 g <td></td> <td></td>		
Max. cross-section (CSÅ) AWG 2   Conductors for clamping (rated connection) 2.5 mm²   Clamping range, min. 2.5 mm²   Clamping range, max. 50 mm³   Type of connection Screw connection   2nd type of connection screwed   Connection direction on side   No. of connections 2   Stripping length 18 mm   Clamping screw M 6   Blade size 6.5 x 1.2 mm   Tightening torque range 4 05.0 Nm   Gauge to IEC 60947-1 B8   Solid, max. 16 mm²   Stranded, min. 2.5 mm²   Stranded, max. 50 mm²   Flexible, min. 2.5 mm²   Flexible, min. 2.5 mm²   Flexible, min. (DIN 46228/1) 2.5 mm²   Flexible, min., ferrule with plastic collar (DIN 25 mm²   Flexible, min., ferrule with plastic collar (DIN 35 mm²   Flexible, min., ferrule with plastic collar (DIN 35 mm²   Flexible, min., ferrule with plastic collar (DIN 35 mm²   AWG conductor size, min. AWG 12   AWG conductor size, min. 3.31 mm²		
Conductors for clamping (rated connection)Clamping range, max.50 mm²Clamping range, max.50 mm²Type of connectionScrew connection2nd type of connectionscrewedConnection directionon sideNo. of connections2Stripping length18 mmClamping screwM 6Blade size6.5 x 1.2 mmTightening torque range4.05.0 NmGauge to IEC 60947-1B8Solid, min.2.5 mm²Solid, min.2.5 mm²Stranded, min.2.5 mm²Stranded, max.16 mm²Stranded, max.50 mm²Flexible, min.2.5 mm²Flexible, min.2.5 mm²Stranded, max.50 mm²Flexible, min.50 mm²Flexible, min.50 mm²Flexible, min. ferrule with plastic collar (DIN 46228 /1)35 mm²Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)4WG conductor size, min.AWG conductor size, min.AWG 1/0AWG conductor size, min.3.31 mm²AWG conductor size, min.3.31 mm²AWG conductor size, min.3.31 mm²Width16 mm Height of lowest versionLength66 mm Weight52 g	· · · ·	
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Clamping screw   M 6     Blade size   6.5 x 1.2 mm     Tightening torque range   4.05.0 Nm     Gauge to IEC 60947-1   B8     Solid, min.   2.5 mm²     Solid, max.   16 mm²     Stranded, min.   2.5 mm²     Stranded, max.   50 mm²     Flexible, min.   2.5 mm²     Flexible, min., forrule, min. (DIN 46228/1)   35 mm²     Flexible, min., ferrule with plastic collar (DIN   2.5 mm²     Flexible, max, ferrule with plastic collar (DIN   35 mm²     Flexible, max, ferrule with plastic collar (DIN   35 mm²     46228 pt 4)   4528 pt 4)     WG conductor size, min.   AWG 1/2     AWG conductor size, min.   3.31 mm²     AWG conductor size, max.   42.41 mm²     Dimensions   42.41 mm²     Width   16 mm     Height of lowest version   51 mm <td></td> <td></td>		
Blade size6.5 x 1.2 mmTightening torque range4.05.0 NmGauge to IEC 60947-1B8Solid, max.16 mm²Stranded, max.16 mm²Stranded, max.50 mm²Stranded, max.50 mm²Flexible, min.2.5 mm²Flexible, max.35 mm²Flexible, max.35 mm²Flexible with ferrule, min. (DIN 46228/1)2.5 mm²Flexible with ferrule, max. (DIN 46228/1)35 mm²Flexible, min., ferrule with plastic collar (DIN2.5 mm²Flexible, min., ferrule with plastic collar (DIN2.5 mm²Flexible, max., ferrule with plastic collar (DIN35 mm²Flexible, max., ferrule with plastic collar (DIN35 mm²A6228 pt 4)		
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Solid, min.   2.5 mm²     Solid, max.   16 mm²     Stranded, min.   2.5 mm²     Stranded, max.   50 mm²     Flexible, min.   2.5 mm²     Flexible, max.   35 mm²     Flexible, max.   35 mm²     Flexible with ferrule, min. (DIN 46228/1)   2.5 mm²     Flexible with ferrule, max. (DIN 46228/1)   35 mm²     Flexible, min., ferrule with plastic collar (DIN   2.5 mm²     Flexible, min., ferrule with plastic collar (DIN   2.5 mm²     46228 pt 4)		
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Stranded, max.50 mm²Flexible, min.2.5 mm²Flexible, max.35 mm²Flexible with ferrule, min. (DIN 46228/1)2.5 mm²Flexible with ferrule, max. (DIN 46228/1)35 mm²Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)2.5 mm²Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)35 mm²AWG conductor size, min.AWG 12AWG conductor size, max.AWG 1/0AWG conductor size, max.3.31 mm²AWG conductor size, max.42.41 mm²Width16 mmHeight of lowest version51 mmLength66 mmWeight52 g		
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AWG conductor size, max.AWG 1/0AWG conductor size, min.3.31 mm²AWG conductor size, max.42.41 mm²DimensionsWidth16 mmHeight of lowest version51 mmLength66 mmWeight52 g		
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AWG conductor size, max.42.41 mm²Dimensions16 mmWidth16 mmHeight of lowest version51 mmLength66 mmWeight52 g		
DimensionsWidth16 mmHeight of lowest version51 mmLength66 mmWeight52 g		
Width16 mmHeight of lowest version51 mmLength66 mmWeight52 g	AWG conductor size, max.	42.41 mm <sup>2</sup>
Width16 mmHeight of lowest version51 mmLength66 mmWeight52 g	Dimensions	
Height of lowest version51 mmLength66 mmWeight52 g		16 mm
Length66 mmWeight52 g		
Weight 52 g	-	
•		
	-	-



Rated cross-section	35 mm²
Rated voltage	500 V
Rated impulse voltage	6 kV
Rated current	125 A
Standards	IEC 60947-7-1
Current with max. conductor	150 A
Pollution severity	3
Strap 1, max.	9 layers 9 x 0.8
Strap 1, min.	3 layers 9 x 0.8
UL rating data	
Voltage (UL)	300 V
Current (UL)	150 A
Min. cross-section (UL)	AWG 12
Max. cross-section (UL)	AWG 1
Approvals	
Approvals institutes	
	(SD)
	W ME25
Downloads	
STEP	1040400000_26280_WDU_35N_STP.stp
JILF	1040400000_20200_11D0_3314_31F.stp

eClass 4.1 eClass 5.0 eClass 5.1 1040400000\_26280\_WDU\_35N\_STP.stp

27-14-11-20 27-14-11-20 27-14-11-20

## Similar products

Order No.		Version
1040480000	WDU 35N BL	Feed-through terminal, 35 mm <sup>2</sup> , Screw connection, Wemid, blue, TS
		35

