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Find the *Wescom / Charles Industries 3609-01* at our website: *Click HERE*

360/363 Channel Banks (D4 Dual Digroup)

With field-proven reliability for over 25 years (formerly Wescom 360), 360/363 Channel Banks continue to set the standard in T1 Access Multiplexer Systems

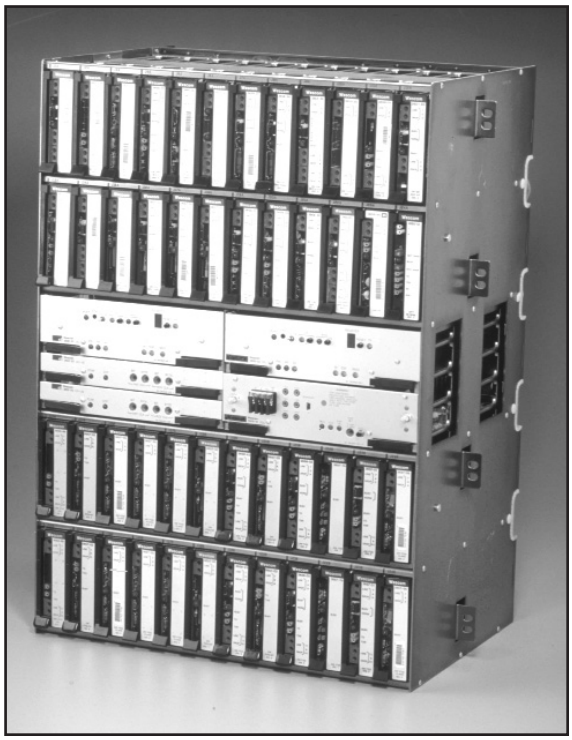
360/363 Channel Banks from Charles Industries offer a universal approach to function and design that results in convenience and economy in T1 management. Up to 48 channel slots (two T1 lines) are designed to accept a numerous selection of voice and data plug-in units in both 2-Wire and 4-Wire, including:

- E&M
- FXS
- FXO
- PLR “Hotline”
- OCU
- DPO
- DPT
- TO
- ETO
- DSU
- DSO
- 64xN
- Special Applications

Design techniques increase system reliability by reducing the complexity of common equipment. Additionally, channel unit functions are isolated from one another, minimizing the possibility of a single unit causing a catastrophic failure in the system. Many special service, private line, program or data channel units will remain operational, even under adverse conditions, with minimum degradation of performance.

Single-ended testing and alignment capabilities include end-to-end PCM transmission and level measurements, complete local VF and signaling tests of a channel unit, and total alignment of levels, equalizers and precision balance networks in special service channel units at the local end (testing requires use of test units and noise level meter).

360 Channel Banks are designed for 19” rack enclosures, while 363 Channel Banks fit 23” rack enclosures. The banks are suitable for deployment at both central office and customer premise locations.



360-10
3 pair per channel unit position (T/R, T1/R1, E/M). 19” Rack mount (14 rack units).

360-11
5 pair per channel unit position (T/R, T1/R1, E/EB, E2/M2, M/MB). 19” Rack mount (14 rack units).

363-10
3 pair per channel unit position (T/R, T1/R1, E/M). 23” Rack mount (11 rack units).

363-11
5 pair per channel unit position (T/R, T1/R1, E/EB, E2/M2, M/MB). 23” Rack mount (11 rack units).

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Features

- Data or video up to 1.536 Mbps with 64xN Channel Units
- v.35, v.24, RS232, RS422/449, RS530 interfaces
- Hot-swappable Voice/Data Channel Units and Common Equipment
- Support low speed synchronous/asynchronous and high-speed synchronous data terminals
- Designed for reliable performance in heavy traffic, mission-critical applications

Specifications

Physical	**360-10**	**360-11**	**363-10**	**363-11**
Dimensions HxWxD (in)	24½x19x12	24½x19x12	19¼x23x12	19¼x23x12
Weight (lbs, unequipped)	30	30	29	29

Electrical

Transmit DS1 Line Rate:	1.544Mb/s ± 50 b/s
Receive DS1 Line Rate:	1.544Mb/s ± 200 b/s
Line Code:	Bipolar AMI or B8ZS
Framing Format:	Superframe or Extend Superframe
Channel Sequence:	Sequential D3/D4
Multiplexing Format:	Byte Interleaved

Power

Input Voltage DC:	-42.5 to -56Vdc
Input Current DC:	2.0 amp maximum
Heat Release DC power:	40 watts nominal

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Configuration Guide: 360-10 & 360-11 D4 Dual Digroup, 19”

Required Equipment	Product Description	Model Number
Assembly Choose 1 Dual Digroup Assembly	**360-10 Assembly** T/R, T1/R1, E/M Channel Interface Wiring; 19” rackmount, 14 rack spaces	**360-10**
	360-11 Assembly T/R, T1/R1, E/EB, E2/M2, M/MB Channel Interface Wiring; 19” rackmount, 14 rack spaces	**360-11**
LIU 1 per Digroup (2 per Assembly)	**T1 Line Interface Unit**	**3603-02**
DIU 1 per Digroup (2 per Assembly)	**Digroup Interface Unit**	**3608-02**
PSU 1 per Assembly	**Power Supply Unit, -48VDC Operation**	**3609-01**
Optional	**Channel Unit Extender Kit**	**98-361900**
	Mounting Adapter Kit, 23” 14 Positions	**97-001207**

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Configuration Guide: 363-10 & 363-11 D4 Dual Digroup, 23”

Required Equipment	Product Description	Model Number
Assembly Choose 1 Dual Digroup Assembly	**363-10 Assembly** T/R, T1/R1, E/M Channel Interface Wiring; 23” rackmount, 14 rack spaces	**363-10**
	363-11 Assembly T/R, T1/R1, E/EB, E2/M2, M/MB Channel Interface Wiring; 23” rackmount, 14 rack spaces	**363-11**
LIU 1 per Digroup (2 per Assembly)	**T1 Line Interface Unit**	**3603-32**
DIU 1 per Digroup (2 per Assembly)	**Digroup Interface Unit**	**3608-32**
PSU 1 per Assembly	**Power Supply Unit, -48VDC Operation**	**3609-01**
PDU 1 per Assembly	**Power Distribution Unit** **Standard Unit for 363-11**	**3668-31**
	Power Distribution Unit **Standard Unit for 363-11**	**3668-31**
Optional	**Channel Unit Extender Kit**	**98-361900**

A variety of voice and data channel units is available from Charles Industries for use with 360/363 Channel Banks. Please call your sales representative for more details.

With Charles Industries, You Can Depend On:

- Field-proven and unequaled 24-hour technical support
- Individualized application consultation
- Training courses available

Visit our website at http://www.charlesindustries.com

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D-SPS027-I01

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