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

360 Channel Banks (D4 Single Digroup)

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

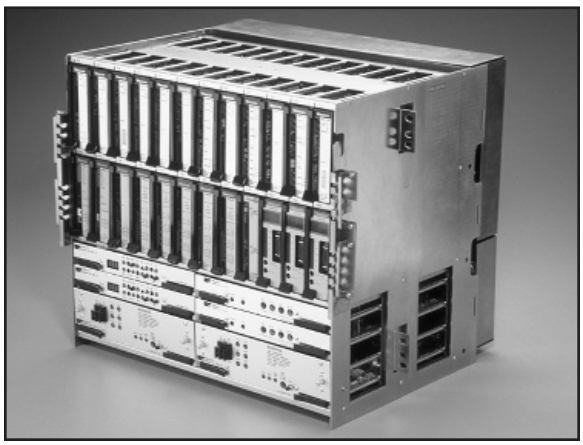
360 Channel Banks from Charles Industries offer a universal approach to function and design that results in convenience and economy in T1 management. Up to 24 channel slots are designed to accept a numerous selection of voice and data plug-in units in both 2-Wire and 4-Wire, including:

- 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 (for 23” rack enclosures, 363 Channel Banks are available) at both central office and customer premise locations.



360-24
24 channel slots in and open access housing. Rack mount.

360-22
Same as 360-24 but with redundant common equipment for high-availability applications.



360-37
24 channel slots in a secure lockable case. Rack, wall or floor mount.

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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	**360-24**	**360-22**	**360-37**
Dimensions HxWxD (in)	15¾x19x12	15¾x19x15	17¾x20¼x18
Weight (lbs, unequipped)	25	30	34

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[1]
Heat Release DC power:	40 watts nominal[2]
360-08 and 360-37 may be AC powered:	
Input Voltage AC:	90 to 130 Vac
Input Current AC:	1.2 amp maximum[3]
Heat Release AC power:	50 watts nominal[4]

***Note:** 360-08 specifications differ as follows: [1]1.1 amp maximum, [2]34 watts nominal, [3]0.8 amp maximum, [4]41 watts nominal

Configuration Guide: 360-24 D4 Single Digroup, 19”

Required Equipment	Product Description	Model Number
Assembly	**360-24 Assembly** Standard T/R, T1/R1, E2/M2 Channel Interface Wiring; 19” rackmount, 9 rack spaces	**360-24**
LIU 1 per Assembly	**T1 Line Interface Unit**	**3603-02**
DIU 1 per Assembly	**Redundant Digroup Interface Unit**	**3608-02**
PSU 1 per Assembly	**Power Supply Unit, -48VDC Operation**	**3609-01**
Optional	**Ring Generator**	**3607-24**

Configuration Guide: 360-22 D4 Single Digroup, 19”

Required Equipment	Product Description	Model Number
Assembly	**360-22 Assembly** Standard T/R, T1/R1, E2/M2 Channel Interface Wiring; 19” rackmount, 9 rack spaces	**360-22**
LIU 2 per Assembly	**T1 Line Interface Unit**	**3603-02**
DIU 2 per Assembly (same)	**Redundant Digroup Interface Unit**	**3608-04**
PSU 2 per Assembly (same)	**Power Supply Unit, -48VDC Operation**	**3609-04**
Optional	**Front Cover** **T1 Auto Protection Switch and Rear Cover** **Channel Unit Extender Kit**	**97-001671** **97-001122** **3619-00K**

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Configuration Guide: 360-37 D4 Single Digroup, 19”/23”

Required Equipment	Product Description	Model Number
Enclosure	**360-37 Enclosure** Wall, floor or 19”/23” rackmount	**360-37**
LIU 1 per Enclosure	**T1 Line Interface Unit** **T1 Line Interface Unit E/W basic CSU**	**3603-02** **3603-50**
DIU 1 per Enclosure	**Digroup Interface Unit**	**3608-02**
PSU 1 per Enclosure	**Power Supply Unit, -48VDC Operation** **Power Supply Unit, 110VAC Operation** with E/W Ring Generator **Power Supply Unit, -24VDC Operation** with E/W Ring Generator	**3609-01** **3609-10** **3609-04**

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

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