

POINT ID DACT MODULE

DESCRIPTION

The Digital Alarm Communicator Transmitter (DACT), P/N 10-2528, can be used with any of Fike's Fire Alarm and Suppression control panels (i.e., SHP PRO®, Cheetah® Xi, and CyberCat®) to provide a means to automatically transmit system status information to UL listed central station receivers via the public switched telephone network.

When used in conjunction with the Cheetah Xi and CyberCat control panels, the DACT may be mounted within the control panel enclosure or it can be mounted externally in a separate enclosure. Connection to the control panel's RS485 communications bus and regulated 24 Vdc auxiliary power is required. The RS485 connection allows point identification of system alarm, supervisory, and trouble events to be transmitted to the receiving station. Where the receiving station is not capable of receiving point ID information, the DACT provides five (5) inputs that can be configured to transmit Fire Alarm, Waterflow Alarm, Supervisory, Monitor Alarm, System Fault, AC Failure, and Low Battery conditions to the receiving station upon activation of dry contact relay outputs in lieu of the RS485 connection.

When used in conjunction with the SHP PRO panel, the DACT must be mounted externally in a separate enclosure. Connection to the control panel's dry contact relay outputs and regulated 24 Vdc auxiliary power is required. The DACT provides five (5) inputs that can be connected to the control panel's relays. The inputs can be individually configured to transmit Fire Alarm, Waterflow Alarm, Supervisory, Monitor Alarm, System Fault, AC Failure, and Low Battery conditions to the receiving station.

Events are sent to the receiving station by priority according to NFPA requirements. Fire and waterflow events are sent first, followed by supervisory and trouble events, and finally by all other events.

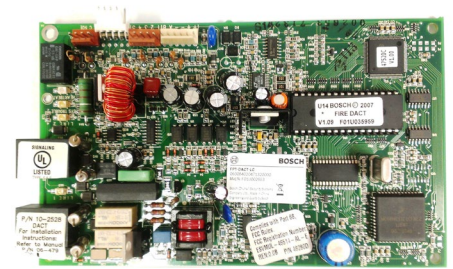
Note: The DACT, P/N 10-2528, is the BOSCH FPT-DACT-LC; however, the DACT must be purchased from Fike if using the intelligent RS485 connection for point ID interface.

FEATURES

- Multiple data protocols: Modem IIIa2, Contact ID, SIA, and 4/2
- 100 event history buffer
- Five programmable discrete wire inputs (Class B)
- Dual telephone line interface
- Programmable using remote keypad
- LEDs for heartbeat, system trouble, and telephone line trouble (one per line)
- Real-time clock
- Mounts in panel or separate enclosure
- Intelligent RS485 interface to host panel
- Automatic self-test function
- Compatible receivers: Radionics D6500, Radionics D6600, Sur-gard SG-SLR, Osborne/Hoffman Quick Alert Model II, Ademco, Silent Knight SK9000

SPECIFICATIONS

Power Consumption:	150mA @ 24VDC standby 190mA @ 24VDC alarm
Dimensions for 10-2528:	6.5" L x 4" W x 1" D (16.5cm x 10.2cm x 2.5cm)
Weight for 10-2528:	0.32 lb. (0.15 kg)
Dimensions for 10-2476:	7.75" L x 5.1" W x 2.5" D (13.11cm x 19.68cm x 6.35cm)
Weight for 10-2476:	3.1 lb. (1.4 kg)
Operating Temp:	32 to 120°F (0 to 49°C)
Operating Humidity:	93% RH, non-condensing
Trouble Relay:	One Form C Rated 1A @ 30VDC



APPROVALS

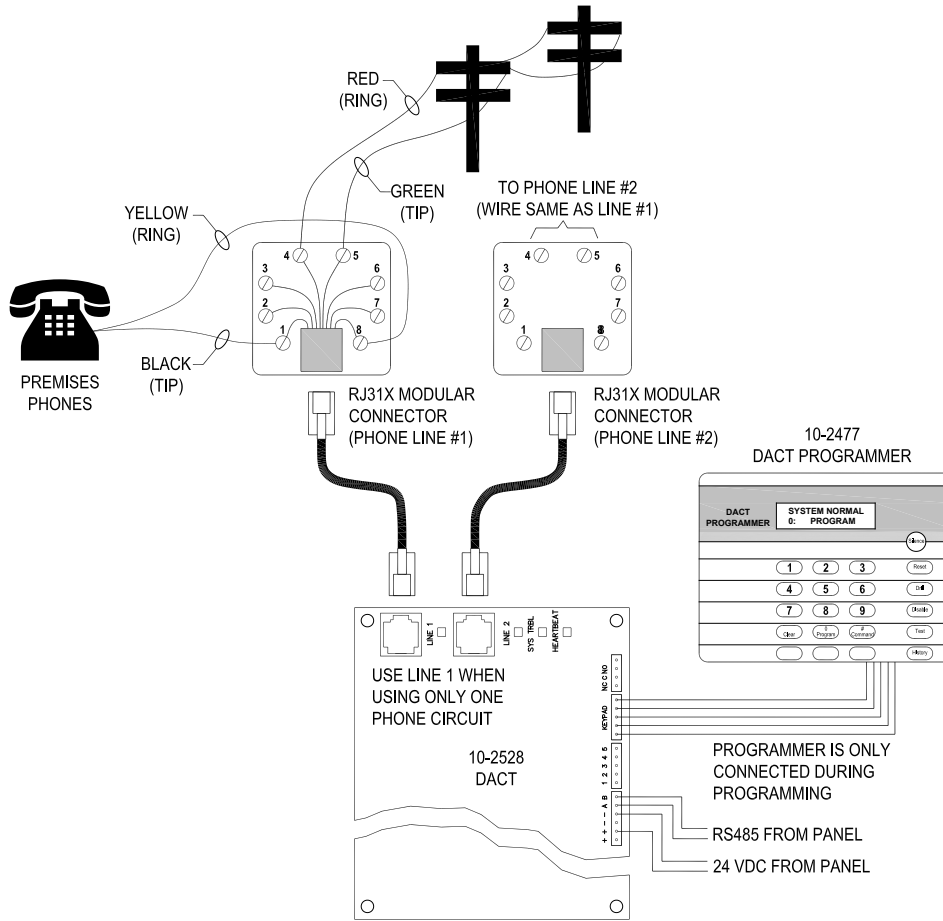
- UL - S2203
- FM
- CSFM - 7165-0900:0137 (CyberCat)
7165-0900:0149 (Cheetah Xi)
- City of New York - #6119



ORDERING INFORMATION

Fike P/N	Description
10-2528	DACT board, FPT-DACT-LC
10-2476	DACT board with enclosure, FPT-DACT
10-2477	DACT programmer, FMR-DACT-KEYPAD
02-12037	Standoff hardware kit (includes items below)
02-11751	6-32 hex. F/F Standoff, 2" long (cyberCat and Cheetah Xi)
02-11833	6-32 hex. F/F Standoff, 0.625" long (CyberCat 50 and Cheetah Xi 50)
02-1589	6-32 x 0.375 phillips pan head screw

WIRING DIAGRAM



Note: Wiring shown as Contact ID interface. If using relays, reference manual for installation.