Switchgear
Technical Data
TD280015EN

Effective July 2015
Supersedes R280-90-18 8/2012

COOPER POWER
SERIES

Communications Point Data Base

for Serial and Ethernet Communications Protocol DNP3

For use with Eaton's Cooper Power series
Form 6 Recloser Control

Powering Business Worldwide

Form 6 DNP3 Map Points

July 1, 2015 v3.00

Document	Date	Description
1.00	5/30/2001	Initial release.
1.01	5/30/2001	Changed wording on SGF "enable" to "block" Made hot line tag CROBs self-resetting.
1.02	5/8/2002	Added Binary Input 59 as "CCI:Control Circuit Interrupted"
1.03	10/30/2002	Added CROBs 18 (Combined Trip / Close) and 19 (Sync-Check Enable)
1.04	11/20/2002	Changed nomenclature of binary inputs and outputs.
1.05	8/29/2003	Added TS crob definitions, updated counter & binary input definitions match the 'DNP Tables at last compilation' file
1.06	3/10/2004	Added TS binary input and counter definitions
1.07	10/28/2005	Minor edits in the Class 0 - 3, Binarys tab.
2.00	8/24/2012	Updates and re-release for ProView 5.0
3.00	7/1/2015	Updates and re-release for ProView 5.1

INPUT SUBSYSTEM

Binary Inputs

Default Static Variation
Obj 01 Var 01 Binary input w/o status

Default Event Variation
Obj 02 Var 2 Binary input with time

Description	Index	Hex Index	Default Event Class
Recloser Closed	00	00	1
Recloser Open	01	01	1
Control is Locked Out	02	02	1
Any Control or System Alarm	03	03	1
Above Minimum Trip	04	04	1
Supervisory Off	05	05	1
Non-Reclosing	06	06	1
Ground Trip Blocked	07	07	1
SEF Blocked	08	08	1
CLPU Blocked	09	09	1
Fast Trips Blocked	10	0A	1
Profile Selected (Normal)	11	0B	1
Profile Selected (Alt1)	12	0C	1
Profile Selected (Alt2)	13	0D	1
Profile Selected (Alt3)	14	0E	1
Hot Line Tag	15	0F	1
Bus Voltage Present (Phase A)	16	10	1
Bus Voltage Present (Phase B)	17	11	1
Bus Voltage Present (Phase C)	18	12	1
Reverse Power Flow	19	13	1
Battery Test in Progress	20	14	1
No AC Power	21	15	1
Battery Alarm	22	16	1
ci8:Alt1 (TB3:9-10)	23	17	1
ci9:Alt2 (TB3:11-12)	24	18	1
ci10:Alt3 (TB3:13-14)	25	19	1
ci11:Nrml (TB3:15-16)	26	1A	1
co1:aux (TB1:11-12,13)	27	1B	1
co2:ok (TB1:14-15)	28	1C	1
co3:hlt (TB1:16-17)	29	1D	1
co4:gtb (TB1:18-19)	30	1E	1
ss1:lo (TB1:9-10)	31	1F	1
co5:nr (TB3:17-18)	32	20	1
co6:alm (TB3:19-20,21)	33	21	1
co7:nrm (TB4:1-2)	34	22	1
co8:alt1 (TB4:3-4)	35	23	1
co9:alt2 (TB4:5-6)	36	24	1
co10:alt3 (TB4:7-8)	37	25	1
co11:frq (TB4:9-10)	38	26	1
co12:vlt (TB4:11-12,13)	39	27	1
Reclose Retry Enabled	40	28	1

INPUT SUBSYSTEM

Binary Inputs

Default Static Variation
Obj 01 Var 01 Binary input w/o status

Default Event Variation
Obj 02 Var 2 Binary input with time

Description	Index	Hex Index	Default Event Class
A Phase Fault Trip	41	29	1
B Phase Fault Trip	42	2A	1
C Phase Fault Trip	43	2B	1
Ground Fault Trip	44	2C	1
SEF Trip	45	2D	1
ci1:RTrip (TB1:3-4)	46	2E	1
ci2:SClose (TB1:5-6)	47	2F	1
ci3:STrip (TB1:7-8)	48	30	1
ci4:GTB (TB3:1-2)	49	31	1
ci5:NRecl (TB3:3-4)	50	32	1
ci6:TargR (TB3:5-6)	51	33	1
ci7 (TB3:7-8)	52	34	1
Ground Overcurrent Alarm	53	35	1
Phase Overcurrent Alarm	54	36	1
Negative Sequence Overcurrent Alarm	55	37	1
Hot Line Tag On from Workbench	56	38	1
Hot Line Tag On from Communications	57	39	1
Hot Line Tag On from Front Panel Switch	58	3A	1
Control Circuit Interrupted	59	3B	1

INPUT SUBSYSTEM

Binary Inputs (Triple-Single)

Default Static Variation
Obj 01 Var 01 Binary input w/o status

Default Event Variation
Obj 02 Var 2 Binary input with time

Description	Index	Hex Index	Default Event Class
Recloser Closed (Phase A)	00	00	1
Recloser Open (Phase A)	01	01	1
Control is Locked Out	02	02	1
Any Control or System Alarm	03	03	1
Above Minimum Trip	04	04	1
Supervisory Off	05	05	1
Non-Reclosing	06	06	1
Ground Trip Blocked	07	07	1
SEF Blocked	08	08	1
CLPU Blocked	09	09	1
Fast Trips Blocked	10	0A	1
Profile Selected (Normal)	11	0B	1
Profile Selected (Alt1)	12	0C	1
Profile Selected (Alt2)	13	0D	1
Profile Selected (Alt3)	14	0E	1
Hot Line Tag	15	0F	1
Bus Voltage Present (Phase A)	16	10	1
Bus Voltage Present (Phase B)	17	11	1
Bus Voltage Present (Phase C)	18	12	1
Reverse Power Flow	19	13	1
Battery Test in Progress	20	14	1
No AC Power	21	15	1
Battery Alarm	22	16	1
ci8:Alt1 (TB3:9-10)	23	17	1
ci9:Alt2 (TB3:11-12)	24	18	1
ci10:Alt3 (TB3:13-14)	25	19	1
ci11:Nrml (TB3:15-16)	26	1A	1
co1:aux (TB1:11-12,13)	27	1B	1
co2:ok (TB1:14-15)	28	1C	1
co3:hlt (TB1:16-17)	29	1D	1
co4:gtb (TB1:18-19)	30	1E	1
ss1:lo (TB1:9-10)	31	1F	1
co5:nr (TB3:17-18)	32	20	1
co6:alm (TB3:19-20,21)	33	21	1
co7:nrm (TB4:1-2)	34	22	1
co8:alt1 (TB4:3-4)	35	23	1
co9:alt2 (TB4:5-6)	36	24	1
co10:alt3 (TB4:7-8)	37	25	1
co11:frq (TB4:9-10)	38	26	1
co12:vlt (TB4:11-12,13)	39	27	1
Reclose Retry Enabled	40	28	1

INPUT SUBSYSTEM

Binary Inputs (Triple-Single)

Default Static Variation
Obj 01 Var 01 Binary input w/o status

Default Event Variation
Obj 02 Var 2 Binary input with time

Description	Index	Hex Index	Default Event Class
A Phase Fault Trip	41	29	1
B Phase Fault Trip	42	2A	1
C Phase Fault Trip	43	2B	1
Ground Fault Trip	44	2C	1
SEF Trip	45	2D	1
ci1:RTrip (TB1:3-4)	46	2E	1
ci2:SClose (TB1:5-6)	47	2F	1
ci3:STrip (TB1:7-8)	48	30	1
ci4:GTB (TB3:1-2)	49	31	1
ci5:NRecl (TB3:3-4)	50	32	1
ci6:TargR (TB3:5-6)	51	33	1
ci7 (TB3:7-8)	52	34	1
Ground Overcurrent Alarm	53	35	1
Phase A Overcurrent Alarm	54	36	1
Negative Sequence Overcurrent Alarm	55	37	1
Hot Line Tag On from Workbench	56	38	1
Hot Line Tag On from Communications	57	39	1
Hot Line Tag On from Front Panel Switch	58	3A	1
Control Circuit Interrupted (Phase A)	59	3B	1
Recloser Closed (Phase B)	60	3C	1
Recloser Open (Phase B)	61	3D	1
Control is Locked Out (Phase B)	62	3E	1
Control Circuit Interrupted (Phase B)	63	3F	1
Recloser Closed (Phase C)	64	40	1
Recloser Open (Phase C)	65	41	1
Control is Locked Out (Phase C)	66	42	1
Control Circuit Interrupted (Phase C)	67	43	1
Phase B Overcurrent Alarm	68	44	1
Phase C Overcurrent Alarm	69	45	1
Ganged Mode	70	46	1
1-3 Mode	71	47	1
1-1 Mode	72	48	1
USEF Blocked	73	49	1
Profile Selected (Alt 4)	74	4A	1
Profile Selected (Alt 5)	75	4B	1

INPUT SUBSYSTEM

Counters

Default Static Variation
Obj 20 Var 2 16 bit Counter

Default Event Variation
Obj 22 Var 2 16 bit Counter w/o time

Description	Index	Hex Index	Default Event Class	Deadband
Trip Counter (Phase A)	00	00	1	10000
Trip Counter (Phase B)	01	01	1	10000
Trip Counter (Phase C)	02	02	1	10000
Trip Counter (Ground)	03	03	1	10000
Trip Counter (SEF)	04	04	1	10000
Total Trip Counter	05	05	1	10000

INPUT SUBSYSTEM

Counters (Triple-Single)

Default Static Variation
Obj 20 Var 2 16 bit Counter

Default Event Variation
Obj 22 Var 2 16 bit Counter w/o time

Description	Index	Hex Index	Default Event Class	Deadband
Trip Counter (Phase A)	00	00	1	10000
Trip Counter (Phase B)	01	01	1	10000
Trip Counter (Phase C)	02	02	1	10000
Trip Counter (Ground)	03	03	1	10000
Trip Counter (SEF)	04	04	1	10000
Total Trip Counter	05	05	1	10000
Operations Counter (Phase A)	06	06	1	10000
Operations Counter (Phase B)	07	07	1	10000
Operations Counter (Phase C)	08	08	1	10000

INPUT SUBSYSTEM

Analog Inputs

Default Static Variation
Obj 30 Var 2 16 bit

Default Event Variation
Obj 32 Var 2 16 bit w/o time

Description	Index	Hex Index	Default Event Class	Division Scale Factor	Units	Deadband	Low Threshold	High Threshold
A Phase Primary Current Magnitude	00	00	2	10	Amps	100	10	10000
B Phase Primary Current Magnitude	01	01	2	10	Amps	100	10	10000
C Phase Primary Current Magnitude	02	02	2	10	Amps	100	10	10000
3I0 Primary Current Magnitude	03	03	2	10	Amps	100	10	10000
A Phase Primary Voltage Magnitude	04	04	2	1	Volts	1000	10	10000
B Phase Primary Voltage Magnitude	05	05	2	1	Volts	1000	10	10000
C Phase Primary Voltage Magnitude	06	06	2	1	Volts	1000	10	10000
A Phase Power Factor	07	07	2	10000		1	10	10000
B Phase Power Factor	08	08	2	10000		1	10	10000
C Phase Power Factor	09	09	2	10000		1	10	10000
A Phase Primary Apparent Power	10	0A	2	1	kVA	1000	10	10000
B Phase Primary Apparent Power	11	0B	2	1	kVA	1000	10	10000
C Phase Primary Apparent Power	12	0C	2	1	kVA	1000	10	10000
A Phase Primary Real Power	13	0D	2	1	kW	1000	10	10000
B Phase Primary Real Power	14	0E	2	1	kW	1000	10	10000
C Phase Primary Real Power	15	0F	2	1	kW	1000	10	10000
A Phase Primary Reactive Power	16	10	2	1	kvar	1000	10	10000
B Phase Primary Reactive Power	17	11	2	1	kvar	1000	10	10000
C Phase Primary Reactive Power	18	12	2	1	kvar	1000	10	10000
Line Frequency	19	13	1	100	Hz	10	10	10000
A Phase Primary Demand Currents	20	14	2	10	Amps	100	10	10000
B Phase Primary Demand Currents	21	15	2	10	Amps	100	10	10000
C Phase Primary Demand Currents	22	16	2	10	Amps	100	10	10000
Battery Voltage	23	17	3	100	Volts	5	10	10000
Battery Current	24	18	3	1000	Amps	1	10	10000

OUTPUT SUBSYSTEM - Control Output Relay Block Operations and Status

Default Static Variation

Description	Index	Hex Index	Obj	Var	Desc	Operation Type	Operation (Support) Mask	Default Condition	Conditioned by Supervisory State (Factory Default)	Description
Binary Output	00	00	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Close Mechanism
Binary Output	01	01	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Trip Mechanism
Binary Output	02	02	12	01	CROB	Latched	0xff	Off	Yes	Block Reclosing
Binary Output	03	03	12	01	CROB	Latched	0xff	Off	Yes	Block Ground Trip
Binary Output	04	04	12	01	CROB	Latched	0xff	Off	Yes	Block SEF
Binary Output	05	05	12	01	CROB	Latched	0xff	Off	Yes	Block CLPU
Binary Output	06	06	12	01	CROB	Latched	0xff	Off	Yes	Block Fast Trips
Binary Output	07	07	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Profile - Normal
Binary Output	08	08	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Profile - Alt1
Binary Output	09	09	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Profile - Alt2
Binary Output	10	0A	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Profile - Alt3
Binary Output	11	0B	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Reset Targets
Binary Output	12	0C	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Reset Demand Meters
Binary Output	13	0D	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Reset Alarms
Binary Output	14	0E	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Test Battery
Binary Output	15	0F	12	01	CROB	Self-Resetting	0xff	Off	No	*, *** Hot Line Tag Set
Binary Output	16	10	12	01	CROB	Self-Resetting	0xff	Off	Yes	*, *** Hot Line Tag Reset
Binary Output	17	11	12	01	CROB	Latched	0xff	Off	Yes	Enable Reclose Retry
Binary Output	18	12	12	01	CROB	Self-Resetting	0xff	Off	Yes	Combined Trip and Close
Binary Output	19	13	12	01	CROB	Latched	0xff	Off	Yes	Enable Sync Check
Binary Output	20	14	12	01	CROB	Latched	0xff	Off	Yes	Block USEF
Binary Output	21	15	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Profile - Alt4
Binary Output	22	16	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Profile - Alt5
Binary Output	23	17	12	01	CROB	Latched	0xff	Off	Yes	*Not Used*
Binary Output	24	18	12	01	CROB	Latched	0xff	Off	Yes	*Not Used*
Binary Output	25	19	12	01	CROB	Latched	0xff	Off	Yes	*Not Used*
Binary Output	26	1A	12	01	CROB	Latched	0xff	Off	Yes	*Not Used*
Binary Output	27	1B	12	01	CROB	Latched	0xff	Off	Yes	*Not Used*
Binary Output	28	1C	12	01	CROB	Latched	0xff	Off	Yes	*Not Used*
Binary Output	29	1D	12	01	CROB	Latched	0xff	Off	Yes	*Not Used*
Binary Output	30	1E	12	01	CROB	Latched	0xff	Off	Yes	*Not Used*
Binary Output	31	1F	12	01	CROB	Latched	0xff	Off	Yes	*Not Used*

* Momentary/Self Resetting, always read FALSE
*** Hot Line Tag activates a latching relay in the control "close" circuit.
Crosshatch indicates point is supervised regardless of setting

Binary Output	00	00	10	02	Status					* Close Mechanism
Binary Output	01	01	10	02	Status					* Trip Mechanism
Binary Output	02	02	10	02	Status					Block Reclosing

OUTPUT SUBSYSTEM - Control Output Relay Block Operations and Status

			Default Static Variation							
Description	Index	Hex Index	Obj	Var	Desc	Operation Type	Operation (Support) Mask	Default Condition	Conditioned by Supervisory State (Factory Default)	Description
Binary Output	03	03	10	02	Status					Block Ground Trip
Binary Output	04	04	10	02	Status					Block SEF
Binary Output	05	05	10	02	Status					Block CLPU
Binary Output	06	06	10	02	Status					Block Fast Trips
Binary Output	07	07	10	02	Status					* Profile - Normal
Binary Output	08	08	10	02	Status					* Profile - Alt1
Binary Output	09	09	10	02	Status					* Profile - Alt2
Binary Output	10	0A	10	02	Status					* Profile - Alt3
Binary Output	11	0B	10	02	Status					* Reset Targets
Binary Output	12	0C	10	02	Status					* Reset Demand Meters
Binary Output	13	0D	10	02	Status					* Reset Alarms
Binary Output	14	0E	10	02	Status					* Test Battery
Binary Output	15	0F	10	02	Status					*, *** Hot Line Tag Set
Binary Output	16	10	10	02	Status					*, *** Hot Line Tag Reset
Binary Output	17	11	10	02	Status					Enable Reclose Retry
Binary Output	18	12	10	02	Status					Combined Trip and Close
Binary Output	19	13	10	02	Status					Enable Sync Check
Binary Output	20	14	10	02	Status					Block USEF
Binary Output	21	15	10	02	Status					* Profile - Alt4
Binary Output	22	16	10	02	Status					* Profile - Alt5
Binary Output	23	17	10	02	Status					*Not Used*
Binary Output	24	18	10	02	Status					*Not Used*
Binary Output	25	19	10	02	Status					*Not Used*
Binary Output	26	1A	10	02	Status					*Not Used*
Binary Output	27	1B	10	02	Status					*Not Used*
Binary Output	28	1C	10	02	Status					*Not Used*
Binary Output	29	1D	10	02	Status					*Not Used*
Binary Output	30	1E	10	02	Status					*Not Used*
Binary Output	31	1F	10	02	Status					*Not Used*

* Momentary/Self Resetting, always read FALSE
*** Hot Line Tag activates a latching relay in the control "close" circuit.

OUTPUT SUBSYSTEM - Control Output Relay Block Operations and Status (Triple-Single)

			Default Static Variation							
Description	Index	Hex Index	Obj	Var	Desc	Operation Type	Operation (Support) Mask	Default Condition	Conditioned by Supervisory State (Factory Default)	Description
Binary Output	00	00	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Close Mechanism (Phase A)
Binary Output	01	01	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Trip Mechanism (Phase A)
Binary Output	02	02	12	01	CROB	Latched	0xff	Off	Yes	Block Reclosing
Binary Output	03	03	12	01	CROB	Latched	0xff	Off	Yes	Block Ground Trip
Binary Output	04	04	12	01	CROB	Latched	0xff	Off	Yes	Block SEF
Binary Output	05	05	12	01	CROB	Latched	0xff	Off	Yes	Block CLPU
Binary Output	06	06	12	01	CROB	Latched	0xff	Off	Yes	Block Fast Trips
Binary Output	07	07	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Profile - Normal
Binary Output	08	08	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Profile - Alt1
Binary Output	09	09	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Profile - Alt2
Binary Output	10	0A	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Profile - Alt3
Binary Output	11	0B	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Reset Targets
Binary Output	12	0C	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Reset Demand Meters
Binary Output	13	0D	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Reset Alarms
Binary Output	14	0E	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Test Battery
Binary Output	15	0F	12	01	CROB	Self-Resetting	0xff	Off	No	*, *** Hot Line Tag Set
Binary Output	16	10	12	01	CROB	Self-Resetting	0xff	Off	Yes	*, *** Hot Line Tag Reset
Binary Output	17	11	12	01	CROB	Latched	0xff	Off	Yes	Enable Reclose Retry
Binary Output	18	12	12	01	CROB	Self-Resetting	0xff	Off	Yes	Combined Trip and Close (Phase A)
Binary Output	19	13	12	01	CROB	Latched	0xff	Off	Yes	Enable Sync Check
Binary Output	20	14	12	01	CROB	Latched	0xff	Off	Yes	* Trip Mechanism (Phase B)
Binary Output	21	15	12	01	CROB	Latched	0xff	Off	Yes	* Trip Mechanism (Phase C)
Binary Output	22	16	12	01	CROB	Latched	0xff	Off	Yes	* Close Mechanism (Phase B)
Binary Output	23	17	12	01	CROB	Latched	0xff	Off	Yes	* Close Mechanism (Phase C)
Binary Output	24	18	12	01	CROB	Latched	0xff	Off	Yes	* Activate Ganged Mode
Binary Output	25	19	12	01	CROB	Latched	0xff	Off	Yes	* Activate 1-3 Mode
Binary Output	26	1A	12	01	CROB	Latched	0xff	Off	Yes	* Activate 1-1 Mode
Binary Output	27	1B	12	01	CROB	Latched	0xff	Off	Yes	* Trip All Phases
Binary Output	28	1C	12	01	CROB	Latched	0xff	Off	Yes	* Close All Phases
Binary Output	29	1D	12	01	CROB	Self-Resetting	0xff	Off	Yes	Combined Trip and Close (Phase B)
Binary Output	30	1E	12	01	CROB	Self-Resetting	0xff	Off	Yes	Combined Trip and Close (Phase C)
Binary Output	31	1F	12	01	CROB	Latched	0xff	Off	Yes	Block USEF
Binary Output	32	20	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Profile - Alt4
Binary Output	33	21	12	01	CROB	Self-Resetting	0xff	Off	Yes	* Profile - Alt5

* Momentary/Self Resetting, always read FALSE
*** Hot Line Tag activates a latching relay in the control "close" circuit.
Crosshatch indicates point is supervised regardless of setting

Binary Output	00	00	10	02	Status					* Close Mechanism (Phase A)

OUTPUT SUBSYSTEM - Control Output Relay Block Operations and Status (Triple-Single)

			Default Static Variation							
Description	Index	Hex Index	Obj	Var	Desc	Operation Type	Operation (Support) Mask	Default Condition	Conditioned by Supervisory State (Factory Default)	Description
Binary Output	01	01	10	02	Status					* Trip Mechanism (Phase A)
Binary Output	02	02	10	02	Status					Block Reclosing
Binary Output	03	03	10	02	Status					Block Ground Trip
Binary Output	04	04	10	02	Status					Block SEF
Binary Output	05	05	10	02	Status					Block CLPU
Binary Output	06	06	10	02	Status					Block Fast Trips
Binary Output	07	07	10	02	Status					* Profile - Normal
Binary Output	08	08	10	02	Status					* Profile - Alt1
Binary Output	09	09	10	02	Status					* Profile - Alt2
Binary Output	10	0A	10	02	Status					* Profile - Alt3
Binary Output	11	0B	10	02	Status					* Reset Targets
Binary Output	12	0C	10	02	Status					* Reset Demand Meters
Binary Output	13	0D	10	02	Status					* Reset Alarms
Binary Output	14	0E	10	02	Status					* Test Battery
Binary Output	15	0F	10	02	Status					*, *** Hot Line Tag Set
Binary Output	16	10	10	02	Status					*, *** Hot Line Tag Reset
Binary Output	17	11	10	02	Status					Enable Reclose Retry
Binary Output	18	12	10	02	Status					Combined Trip and Close
Binary Output	19	13	10	02	Status					Enable Sync Check
Binary Output	20	14	10	02	Status					* Trip Mechanism (Phase B)
Binary Output	21	15	10	02	Status					* Trip Mechanism (Phase C)
Binary Output	22	16	10	02	Status					* Close Mechanism (Phase B)
Binary Output	23	17	10	02	Status					* Close Mechanism (Phase C)
Binary Output	24	18	10	02	Status					* Activate Ganged Mode
Binary Output	25	19	10	02	Status					* Activate 1-3 Mode
Binary Output	26	1A	10	02	Status					* Activate 1-1 Mode
Binary Output	27	1B	10	02	Status					* Trip All Phases
Binary Output	28	1C	10	02	Status					* Close All Phases
Binary Output	29	1D	10	02	Status					Combined Trip and Close (Phase B)
Binary Output	30	1E	10	02	Status					Combined Trip and Close (Phase C)
Binary Output	31	1F	10	02	Status					Block USEF
Binary Output	32	20	10	02	Status					* Profile - Alt4
Binary Output	33	21	10	02	Status					* Profile - Alt5

* Momentary/Self Resetting, always read FALSE
*** Hot Line Tag activates a latching relay in the control "close" circuit.

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