

Automation platform Discrete I/O modules



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Type of module		Discrete inputs					
Connection		By screw terminals 140XTS00200 (to be ordered separately)					
Number of isolated channels		16	4 groups of 8	3 groups of 8	2 groups of 8	6 groups of 16	8 groups of 2
Input voltage	5 VDC TTL (negative logic)	–	140DDI15310	–	–	–	–
	24 VDC	–	140DDI35300 (1)	–	–	140DDI36400	–
	10–60 VDC	–	140DDI85300	–	–	–	140DDI84100
	20–30 VDC	–	140DSI35300 (1)	–	–	–	–
	125 VDC	–	–	140DDI67300	–	–	–
	24 VAC	140DAI34000	140DAI35300	–	–	–	–
	48 VAC	140DAI44000	140DAI45300	–	–	–	–
	115 VAC	140DAI54000	140DAI55300	–	140DAI54300	–	–
	230 VAC	140DAI74000	140DAI75300	–	–	–	–

(1) For negative logic, replace 00 at the end of the Catalog number with 10, for example **140DDI35300** becomes **140DDI35310**.



Type of module		Discrete outputs Solid state					
Connection		By screw terminals 140XTS00200 (to be ordered separately)					
Number of protected channels		16	4 groups of 8	4 groups of 4	2 groups of 8	6 groups of 16	2 groups of 6
Output voltage/current	5 VDC TTL/0.075 A (2)	–	140DDO15310	–	–	–	–
	24 VDC/0.5 A	–	140DDO35301 (1)	–	–	–	–
	10–30 VDC/0.5 A (3)	–	140DVO85300	–	–	–	–
	19.2–30 VDC/0.5 A	–	–	–	–	140DDO36400	–
	10–60 VDC/2 A	–	–	–	140DDO84300	–	–
	24–125 VDC/0.75 A	–	–	–	–	–	140DDO88500
	24–48 VAC/4 A	–	–	140DAO84220	–	–	–
	24–115 VAC/4 A	140DAO84010	–	–	–	–	–
	24–230 VAC/ 4-3 A	140DAO84000	140DAO85300	–	–	–	–
	100–230 VAC/4-3 A	–	–	140DAO84210	–	–	–

(1) For negative logic, replace 01 at the end of the catalog number with 10, for example **140DDO35301** becomes **140DDO35310**.

(2) Negative logic.

(3) Controlled outputs.



Type of module		Discrete I/O – mixed Solid state			Discrete outputs Relay	
Connection		By screw terminals 140XTS00200 (to be ordered separately)			–	
Number of I/O		2 groups of 8/ 2 groups of 4		1 group of 4/ 4 isolated	–/16 NO	–/8 NO/NC
Input voltage		24 VDC	125 VAC	125 VDC	–	–
Output voltage/current		30 VDC/15 A	125 VAC/4 A	125 VDC/4 A	150 VDC or 250 VAC/2 A	150 VDC or 250 VAC/5 A
Catalog number		140DDM39000	140DAM59000	140DDM69000	140DRA84000	140DRC83000

Connection accessories: See www.us.telemecanique.com

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Type of module		Discrete inputs					
Connection		By screw terminals 140XTS00200 (to be ordered separately)					
Number of isolated channels		16	4 groups of 8	3 groups of 8	2 groups of 8	6 groups of 16	8 groups of 2
Input voltage	5 VDC TTL (negative logic)	–	140DDI15310	–	–	–	–
	24 VDC	–	140DDI35300(1)	–	–	140DDI36400	–
	10–60 VDC	–	140DDI85300	–	–	–	140DDI84100
	20–30 VDC	–	140DSI35300(1)	–	–	–	–
	125 VDC	–	–	140DDI67300	–	–	–
	24 VAC	140DAI34000	140DAI35300	–	–	–	–
	48 VAC	140DAI44000	140DAI45300	–	–	–	–
	115 VAC	140DAI54000	140DAI55300	–	140DAI54300	–	–
	230 VAC	140DAI74000	140DAI75300	–	–	–	–

(1) For negative logic, replace 00 at the end of the Catalog number with 10, for example **140DDI35300** becomes **140DDI35310**.



Type of module		Discrete outputs					
		Solid state					
Connection		By screw terminals 140XTS00200 (to be ordered separately)					
Number of protected channels		16	4 groups of 8	4 groups of 4	2 groups of 8	6 groups of 16	2 groups of 6
Output voltage/current	5 VDC TTL/0.075 A (2)	–	140DDO15310	–	–	–	–
	24 VDC/0.5 A	–	140DDO35301(1)	–	–	–	–
	10–30 VDC/0.5 A (3)	–	140DVO85300	–	–	–	–
	19.2–30 VDC/0.5 A	–	–	–	–	140DDO36400	–
	10–60 VDC/2 A	–	–	–	140DDO84300	–	–
	24–125 VDC/0.75 A	–	–	–	–	–	140DDO88500
	24–48 VAC/4 A	–	–	140DAO84220	–	–	–
	24–115 VAC/4 A	140DAO84010	–	–	–	–	–
	24–230 VAC/ 4-3 A	140DAO84000	140DAO85300	–	–	–	–
	100–230 VAC/4-3 A	–	–	140DAO84210	–	–	–

(1) For negative logic, replace 01 at the end of the catalog number with 10, for example **140DDO35301** becomes **140DDO35310**.

(2) Negative logic.

(3) Controlled outputs.



Type of module		Discrete I/O – mixed			Discrete outputs	
		Solid state			Relay	
Connection		By screw terminals 140XTS00200 (to be ordered separately)			–	
Number of I/O		2 groups of 8/ 2 groups of 4		1 group of 4/ 4 isolated	–/16 NO	–/8 NO/NC
Input voltage		24 VDC	125 VAC	125 VDC	–	–
Output voltage/current		30 VDC/15 A	125 VAC/4 A	125 VDC/4 A	150 VDC or 250 VAC/2 A	150 VDC or 250 VAC/5 A
Catalog number		140DDM39000	140DAM59000	140DDM69000	140DRA84000	140DRC83000

Connection accessories: See www.us.telemecanique.com