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DVP-ES3 主機系列

EN Instruction Sheet

TR Bilgi Dökümani

TW 安裝說明

CN 安装说明

5014119302
2024-03-01

www.deltaww.com

EN This is an OPEN TYPE module and therefore should be installed in an enclosure free of airborne dust, humidity, electric shock and vibration. The enclosure should prevent non-maintenance staff from operating the device (e.g. key or specific tools are required for operating the enclosure) in case danger and damage on the device may occur. If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired. For any repair or maintenance needs, please contact us.

FR Ceci est un module ouvert et il doit donc être installé dans un coffret à l'abri des poussières, des vibrations et ne pas être exposé aux chocs électriques. Le boitier ou l'armoire doit éviter toute action d'un personnel autre que celui affecté à la maintenance de l'appareil (par exemple, clefs, outils spécifiques pour l'ouverture du coffret), ceci afin d'éviter tout accident corporel ou endommagement du produit).

TR Bu ürün AÇIK TİP bir modül olup toz, rutubet, elektrik şoku ve titreşimden uzak kapalı yerlerde muhafaza edilmelidir. Yanlış kullanım sonucu ürünün zarar görmesini önlemek için yetkili olmayan kişiler tarafından ürüne müdahale edilmesini önleyecek koruyucu önlemler alınmalıdır. (Ürünün bulunduğu panoya kilit konulması gibi). Ürün, üretici tarafından belirtilmeyen bir şekilde kullanılırsa, ekipmanın sağladığı koruma bozulabilir. Herhangi bir onarım veya bakım ihtiyaçlarınız için lütfen bizimle iletişime geçin.

TW 本機為開放型（OPEN TYPE）機種，因此使用者使用本機時，必須將之安裝於具防塵、防潮及免於電擊/衝擊意外之外殼配線箱內。另必須具備保護措施（如：特殊之工具或鑰匙才可打開）防止非維護人員操作或意外衝擊本體，造成危險及損壞。如果以製造商未指定的方式使用設備，則可能會削弱設備提供的保護能力，若有維修或保養需求請與我們聯繫。

CN 本机为开放型（OPEN TYPE）机种，因此使用者使用本机时，必须将其安装于具防尘、防潮及免于电击/冲击意外的外壳配线箱内。另必须具备保护措施（如：特殊的工具或钥匙才可打开）防止非维护人员操作或意外冲击本体，造成危险及损坏。如果以制造商未指定的方式使用设备，则可能会削弱设备提供的保护能力，若有维修或保养需求请与我们联系。

EN Please refer to the DVP-ES3 Operation Manual for details.
TR Ayrıntılar için DVP-ES3 Uygulama Manueline bakınız.
TW 詳細資料請參考 DVP-ES3 操作手冊
CN 详细资料请参考 DVP-ES3 操作手册

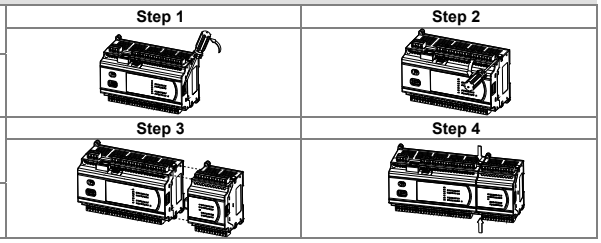
EN Assembly TR Montaj TW 安裝 CN 组装

EN Install the device by following steps 1~4 (on the right).

TR Aygıtı, sağda anlatılan 1'den 4'e kadar olan adımları takip ederek montajini yapin.

TW 依照右方所示的步驟 1~4 進行安裝。

CN 依照右方所示的步骤 1~4 进行安装。



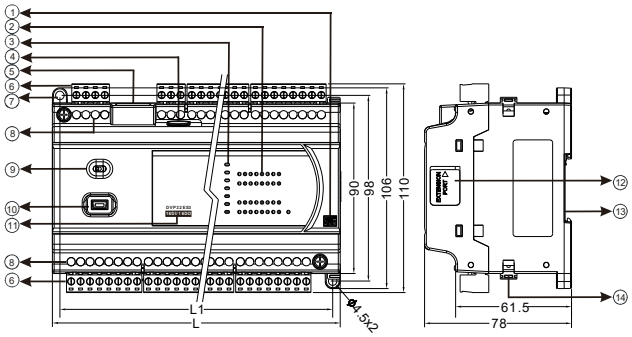
EN Product Profile & Dimensions (mm) TR Ürün Profili & Ölçüler(mm) TW 外觀與尺寸 CN 外观与尺寸

EN Dimensions(mm) & Product Profile

TR Ölçüler(mm) & Ürün Görünüşü

TW 尺寸（mm）及產品外觀

CN 尺寸（mm）及产品外观



1	Output type	Çıkış tipleri	輸出類型	输出类型
2	I/O indicator	I/O indikatör	輸入/輸出指示燈	输入/输出指示灯
3	POWER, RUN, ERROR indicator	POWER, RUN, ERROR indikatör	電源、運行、錯誤、通訊指示燈	电源、运行、错误、通讯指示灯
4	SD card slot	SD kart yuvası	SD 卡插槽	SD 卡插槽
5	RJ45 communication port	RJ45 haberleşme port	RJ45 通訊埠	RJ45 通訊埠
6	Removable terminal block	Sökülebilir terminal bloğu	脫落式端子	脫落式端子
7	Direct mounting holes	Doğrudan montaj delikleri	直接固定孔	直接固定孔
8	Terminal number	Terminal numarası	端子編號	端子編號
9	RUN/STOP switch	RUN/STOP anahtarı	RUN/STOP 開關	RUN/STOP 開關
10	USB communication port	USB haberleşme port	USB 通訊埠	USB 通訊埠
11	Model name	Model adı	機種名稱	機種名稱
12	I/O connector	G / Ç konektörü	I/O 模組連接埠	I/O 模組連接埠
13	DIN rail mounting slot (35mm)	DIN ray montaj slotu (35mm)	DIN 軌槽（35mm）	DIN 軌槽（35mm）
14	I/O module clip	I/O modül klipsi	I/O 模組固定扣	I/O 模組固定扣

Model	DVP32ES311T	DVP32ES300R/T	DVP48ES300R/T	DVP64ES300R/T	DVP80ES300R/T
L	165	165	216	267	310
L1	157	157	208	259	302

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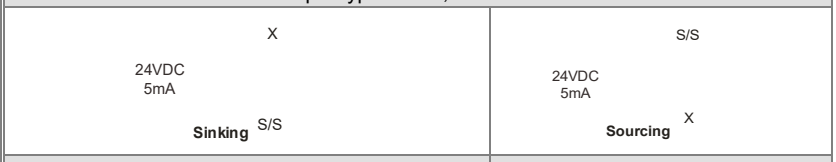
EN I/O　TR I/O　TW 輸入輸出　CN 輸入輸出

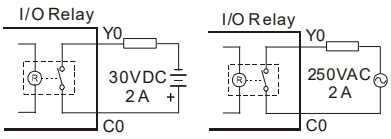
Input No.		X0 ~ X7	X10 ~ X17	X20 ~ #1
Max. frequency		200kHz	10kHz	50Hz
Action level	Off → On	>15VDC		
	On → Off	< 5VDC		
Response time	Off → On	< 1.5μs	<15μs	< 10ms
	On → Off	< 1.5μs	< 15μs	< 10ms
Output type		Relay-R	Transistor-T	
Output No.		All	Y0~Y7	Y10 ~ #1
Max. frequency		1Hz	200kHz	1kHz

#1: Please refer to "I/O Terminal" for the max. X/Y No. on each model.

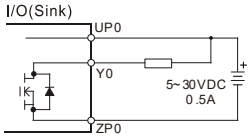
Input type: SINK, SOURCE



Output type: **Relay-R**



Output type:**Transistor-T**



EN I/O Configuration　TR I/O Konfigürasyonu　TW 端子配置　CN 端子配置

Upper row	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
32ES300	L	N	•	⏚	+24V	24G	•	S/S	X0	X1	X2	X3	X4	X5	X6	X7	X10	X11	X12	X13	X14	X15	X16	X17																	
32ES311					24V	0V	⏚	S/S	X0	X1	X2	X3	X4	X5	X6	X7	X10	X11	X12	X13	X14	X15	X16	X17																	
48ES3	L	N	•	⏚	+24V	24G	•	S/S0	X0	X1	X2	X3	X4	X5	X6	X7	X10	X11	X12	X13	X14	X15	X16	X17	S/S1	X20	X21	X22	X23	X24	X25	X26	X27								
64ES3	L	N	•	⏚	+24V	24G	•	S/S0	X0	X1	X2	X3	X4	X5	X6	X7	X10	X11	X12	X13	X14	X15	X16	X17	S/S1	X20	X21	X22	X23	X24	X25	X26	X27	X30	X31	X32	X33	X34	X35	X36	X37
80ES3	L	N	•	⏚	+24V	24G	•	CAN+	CAN-	GND	S/S0	X0	X1	X2	X3	X4	X5	X6	X7	X10	X11	X12	X13	X14	X15	X16	X17	S/S1	X20	X21	X22	X23	X24	X25	X26	X27	X30	X31	X32	X33	X34

Upper row	42	43	44	45	46	47	48	49	50	51	52
80ES3	X35	X36	X37	X40	X41	X42	X43	X44	X45	X46	X47

Lower row	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
32ES3-R	D+	D-	SG	D+	D-	CAN+	CAN-	GND	•	C0	Y0	Y1	Y2	Y3	Y4	Y5	Y6	Y7	•	C1	Y10	Y11	Y12	Y13	Y14	Y15	Y16	Y17											
32ES3-T	D+	D-	SG	D+	D-	CAN+	CAN-	GND	UP0	ZP0	Y0	Y1	Y2	Y3	Y4	Y5	Y6	Y7	UP1	ZP1	Y10	Y11	Y12	Y13	Y14	Y15	Y16	Y17											
48ES3-R	D+	D-	SG	D+	D-	CAN+	CAN-	GND	•	C0	Y0	Y1	Y2	Y3	Y4	Y5	Y6	Y7	•	C1	Y10	Y11	Y12	Y13	Y14	Y15	Y16	Y17	•	C2	Y20	Y21	Y22	Y23	Y24	Y25	Y26	Y27
48ES3-T	D+	D-	SG	D+	D-	CAN+	CAN-	GND	UP0	ZP0	Y0	Y1	Y2	Y3	Y4	Y5	Y6	Y7	UP1	ZP1	Y10	Y11	Y12	Y13	Y14	Y15	Y16	Y17	UP2	ZP2	Y20	Y21	Y22	Y23	Y24	Y25	Y26	Y27
64ES3-R	D+	D-	SG	D+	D-	CAN+	CAN-	GND	•	C0	Y0	Y1	Y2	Y3	Y4	Y5	Y6	Y7	•	C1	Y10	Y11	Y12	Y13	Y14	Y15	Y16	Y17	•	C2	Y20	Y21	Y22	Y23	Y24	Y25	Y26	Y27
64ES3-T	D+	D-	SG	D+	D-	CAN+	CAN-	GND	UP0	ZP0	Y0	Y1	Y2	Y3	Y4	Y5	Y6	Y7	UP1	ZP1	Y10	Y11	Y12	Y13	Y14	Y15	Y16	Y17	UP2	ZP2	Y20	Y21	Y22	Y23	Y24	Y25	Y26	Y27
80ES3-R	D+	D-	SG	D+	D-	•	C0	Y0	Y1	Y2	Y3	Y4	Y5	Y6	Y7	•	C1	Y10	Y11	Y12	Y13	Y14	Y15	Y16	Y17	•	C2	Y20	Y21	Y22	Y23	Y24	Y25	Y26	Y27	•	C3	Y30
80ES3-T	D+	D-	SG	D+	D-	UP0	ZP0	Y0	Y1	Y2	Y3	Y4	Y5	Y6	Y7	UP1	ZP1	Y10	Y11	Y12	Y13	Y14	Y15	Y16	Y17	UP2	ZP2	Y20	Y21	Y22	Y23	Y24	Y25	Y26	Y27	UP3	ZP3	Y30

Lower row	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55
64ES3-R	•	C3	Y30	Y31	Y32	Y33	Y34	Y35	Y36	Y37							
64ES3-T	UP3	ZP3	Y30	Y31	Y32	Y33	Y34	Y35	Y36	Y37							
80ES3-R	Y31	Y32	Y33	Y34	Y35	Y36	Y37	•	C4	Y40	Y41	Y42	Y43	Y44	Y45	Y46	Y47
80ES3-T	Y31	Y32	Y33	Y34	Y35	Y36	Y37	UP4	ZP4	Y40	Y41	Y42	Y43	Y44	Y45	Y46	Y47

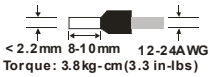
EN Wiring　TR Bağlantı　TW 配線　CN 配线

EN Please use single-core or multi-core cables. The diameters of the cables used should be within the range between 12 AWG and 24 AWG (0.5~2 mm). The specifications for the terminals and the wiring are shown in the figure. The temperature of the copper conductor should be 60/75°C.

TR Lütfen tek damarlı veya çok damarlı kablo kullanın. Kullanılan kablo çapı 12 AWG ve 24 AWG (0.5~2 mm) aralığında olmalıdır. Terminal ve bağlantı özellikleri şekilde gösterilmiştir. Bakır iletkenin sıcaklığı 60/75°C 'ye kadar olmalıdır.

TW 輸出 / 入配線端請使用 12-24 AWG（0.5~2 mm）單蕊裸線或多蕊線，端子規格及配線示意圖如右所示。只能使用 60/75°C 的銅導線。

CN 输出 / 入配线端请使用 12-24 AWG（0.5~2 mm）单蕊裸线或多蕊线，端子规格及配线示意图如右所示。只能使用 60/75°C 的铜导线。



部件名称 Part Name	有毒物质-Hazardous Substances 铅 (Pb)	汞 (Hg)	镉(Cd)	六价铬 (Cr Vi)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
金属部件 Metal Part	X	O	O	O	O	O
塑料部件 Plastic Part	O	O	O	O	O	O
电子件 Electronic	X	O	O	O	O	O
触点 Contacts	O	O	X	O	O	O
线缆和线缆附件 Cable & Cabling accessories	X	O	O	O	O	O
电池 Battery	O	O	O	O	O	O

本表格依据 SJ/T 11364 的规定编制。
O：表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。
X：表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。

This table is made according to SJ/T 11364.
O: Indicates that the concentration of hazardous substance in all of the homogeneous materials for this part is below the limit as stipulated in GB/T 26572.
X: Indicates that concentration of hazardous substance in at least one of the homogeneous materials used for this part is above the limit as stipulated in GB/T 26572.

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