



MicroLogix™ 1500 Programmable Controller Base Units

(Catalog Number 1764-24AWA, 1764-24BWA, 1764-28BxB)

Purpose of This Document

This Document Update revises the following publication. Keep this Document Update for reference.

Publication Name	Publication Number
MicroLogix 1500 Programmable Controller Base Units Installation Instructions	1764-5.1

General Specifications

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Shock (without Data Access Tool installed)	Operating: 30g panel mounted (15g DIN Rail mounted) Relay Operation: 7.5g panel mounted (5g DIN Rail mounted) Non-Operating: 40g panel mounted (30g DIN Rail mounted)
Shock (with Data Access Tool installed)	Operating: 20g panel mounted (15g DIN Rail mounted) Relay Operation: 7.5g panel mounted (5g DIN Rail mounted) Non-Operating: 30g panel mounted (20g DIN Rail mounted)

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Chocs (Data Access tool non installé)	En service: montage sur panneau, 30g (montage sur rail DIN, 15g) Fonctionnement relais: montage sur panneau, 7,5g (montage sur rail DIN, 5g) Hors service: montage sur panneau, 40g (montage sur rail DIN, 30g)
Chocs (Data Access tool installé)	En service: montage sur panneau, 20g (montage sur rail DIN, 15g) Fonctionnement relais: montage sur panneau, 7,5g (montage sur rail DIN, 5g) Hors service: montage sur panneau, 30g (montage sur rail DIN, 20g)

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Stoß (wenn Data Access Tool nicht installiert ist)	Betriebszustand: 30g, auf einem Paneel montiert (15g, auf einer DIN-Schiene montiert) Relais-Betrieb: 7,5g, auf einem Paneel montiert (5g, auf einer DIN-Schiene montiert) Ruhezustand: 40g, auf einem Paneel montiert (30g, auf einer DIN-Schiene montiert)
Stoß (wenn Data Access Tool installiert ist)	Betriebszustand: 20g, auf einem Paneel montiert (15g, auf einer DIN-Schiene montiert) Relais-Betrieb: 7,5g, auf einem Paneel montiert (5g, auf einer DIN-Schiene montiert) Ruhezustand: 30g, auf einem Paneel montiert (20g, auf einer DIN-Schiene montiert)

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Urto (Data access tool - non installato)	In servizio: montato a pannello 30g (montato a guida DIN 15g) Funzionamento relé: montato a pannello 7.5g (montato a guida DIN 5g) Fuori servizio: montato a pannello 40g (montato a guida DIN 30g)
Urto (Data access tool - non installato)	In servizio: montato a pannello 20g (montato a guida DIN 15g) Funzionamento relé: montato a pannello 7.5g (montato a guida DIN 5g) Fuori servizio: montato a pannello 30g (montato a guida DIN 20g)

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Choque (Data Access Tool - no instalado)	Operación: Montado en panel 30g (montado en riel DIN 15g) Operación Relé: Montado en panel 7,5g (montado en riel DIN 5g) Sin operación: Montado en panel 40g (montado en riel DIN 30g)
Choque (Data Access Tool - instalado)	Operación: Montado en panel 20g (montado en riel DIN 15g) Operación Relé: Montado en panel 7,5g (montado en riel DIN 5g) Sin operación: Montado en panel 30g (montado en riel DIN 20g)

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Choque (sem Ferramenta de Acesso aos Dados instalada)	Operando: 30g, montado em painel (15g DIN montado em trilhos) Operação do relé: 7,5g montado em painel (5g DIN montado em trilhos) Não Operando: 40g montado em painel (30g DIN montado em trilhos)
Choque (com Ferramenta de Acesso aos Dados instalada)	Operando: 20g, montado em painel (15g DIN montado em trilhos) Operação do relé: 7,5g montado em painel (5g DIN montado em trilhos) Não Operando: 30g montado em painel (20g DIN montado em trilhos)

Input Specifications

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On State Current: • minimum • nominal • maximum	• 5.0 mA at 79V ac • 12.0 mA at 120V ac • 16.0 mA at 132V ac	• 2.5 mA at 14V dc • 7.3 mA at 24V dc • 12.0 mA at 30V dc	• 2.0 mA at 10V dc • 8.9 mA at 24V dc • 12.0 mA at 30V dc
Nominal Impedance	12k ohms at 50 Hz 10k ohms at 60 Hz	3.3k ohms	2.7k ohms

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Courant état fermé • minimum • nominal • maximum	• 5 mA à 79 V c.a. • 12 mA à 120 V c.a. • 16 mA à 132 V c.a.	• 2,5 mA à 14V cc • 7,3 mA à 24 V c.c. • 12 mA. à 30 V c.c.	• 2 mA. à 10V cc • 8,9 mA à 24 V c.c. • 12 mA. à 30 V c.c.
Impédance nominale	12 kOhms à 50 Hz 10 kOhms à 60 Hz	3,3 kOhms	2,7 kOhms

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Durchlaßstrom • Minimalwert: • Nennwert • Maximalwert:	<ul style="list-style-type: none"> • 5,0 mA bei 79 V AC • 12,0 mA bei 120 V AC • 16,0 mA bei 132 V AC 	<ul style="list-style-type: none"> • 2,5 mA bei 14 V DC • 7,3 mA bei 24 V DC • 12,0 mA bei 30 V DC 	<ul style="list-style-type: none"> • 2,0 mA bei 10 V DC • 8,9 mA bei 24 V DC • 12,0 mA bei 30 V DC
Nennimpedanz	12 kOhm bei 50 Hz 10 kOhm bei 60 Hz	3,3 kOhm	2,7 kOhm

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Corrente in stato acceso • minimo • nominale • massimo	<ul style="list-style-type: none"> • 5,0 mA a 79V CA • 12,0 mA a 120V CA • 16,0 mA a 132V CA 	<ul style="list-style-type: none"> • 2,5 mA a 14V CC • 7,3 mA at 24V CC • 12,0 mA a 30V CC 	<ul style="list-style-type: none"> • 2,0 mA a 10V CC • 8,9 mA at 24V CC • 12,0 mA at 30V CC
Impedenza nominale	12k ohms a 50 Hz 10k ohms a 60 Hz	3,3k ohms	2,7k ohms

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Corriente Estado activado: • mínimo • nominal • máximo	<ul style="list-style-type: none"> • 5,0 mA a 79V ca • 12,0 mA a 120V ca • 16,0 mA a 132V ca 	<ul style="list-style-type: none"> • 2,5 mA a 14V cc • 7,3 mA a 24V cc • 12,0 mA a 30V cc 	<ul style="list-style-type: none"> • 2,0 mA a 10V cc • 8,9 mA a 24V cc • 12,0 mA a 30V cc
Impedancia nominal	12k ohms a 50 Hz 10k ohms a 60 Hz	3,3k ohms	2,7k ohms

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Corrente do Estado Energizado • mínima • nominal: • máxima	<ul style="list-style-type: none"> • 5,0 mA a 79V ca • 12,0 mA a 120V ca • 16,0 mA a 132V ca 	<ul style="list-style-type: none"> • 2,5 mA a 14V cc • 7,3 mA a 24V cc • 12,0 mA a 30V cc 	<ul style="list-style-type: none"> • 2,0 mA a 10V cc • 8,9 mA a 24V cc • 12,0 mA a 30V cc
Impedância Nominal	12k ohms a 50 Hz 10k ohms a 60 Hz	3,3k ohms	2,7k ohms

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