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Info

phytron

MSX replaces MSO, MSO MINI, SMD

- The old power stage series MSO, MSO MINI and SMD are no longer available.
- For new design the MSX series is the best choice.
- Old power stages can be replaced by MSX without any problem, when the adequate MSX version is chosen.
  - MSX (5V) replaces MSO and MSO MINI
  - MSX (24V) replaces SMD
  - Substitution of special MSO / MSO MINI versions: see table
  - When a reset input is required: MSX (5V-RESET)

Replacement table MSO, MSO MINI, SMD → MSX	
old	new
MSO 51-90 (02001805) MSO 52-90 MINI (02002255)	MSX 52-120 MINI (5V) (10004902)
MSO 101-90 (02002888) MSO 101-120 (02001792) MSO 102-90 MINI (02001039) MSO 102-120 MINI (02001547)	MSX 102-120 MINI (5V) (10004903)
MSO 141-120 (02002887) MSO 152-120 MINI (02002446)	MSX152-120 MINI (5V) (10004904)
	MSX 52-120 MINI (5V-RESET) (10008754)
	MSX102-120 MINI (5V-RESET) (10008755)
	MSX152-120 MINI (5V-RESET) (10008756)

Plug-in power stage unit equipped with old power stages, e. g. MSO MINI





① dismount the old power stage



② mount MSX

customized solutions in motion

Replacement Table MSO, MSO MINI, SMD → MSX / Pin Assignments

Replacement Table MSO, MSO MINI, SMD → MSX		
old	new	remarks
SMD 51-90 (02001909)	MSX 52-120 MINI (24V) (10008751)	Important: Minimum supply voltage of the MSX power stages is $+U_B$ = 40V.
SMD 101-90 (02000659) SMD 101-120 (02001793)	MSX 102-120 MINI (24V) (10008752)	
SMD 141-120 (02002889) special version MSO 152-120 MINI (02002283) 24 V logic level	MSX 152-120 MINI (24V) (10008753)	

Pin Assignment MSX (5V) Standard

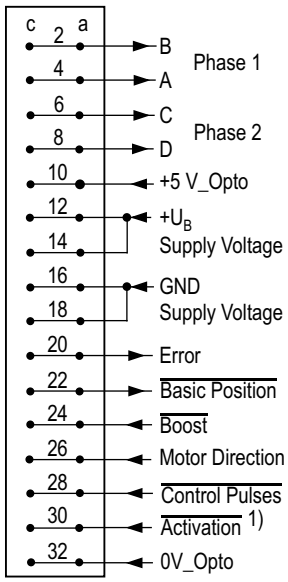


Fig.1

Pin Assignment MSX (24V)

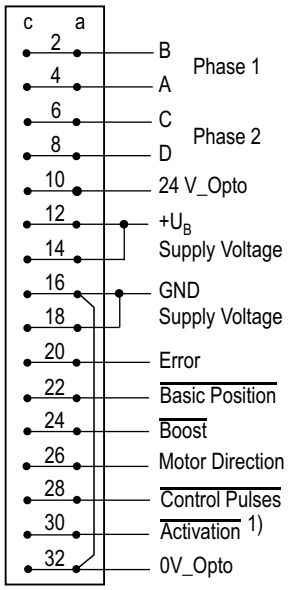


Fig. 2

Pin Assignment MSX (5V-RESET)

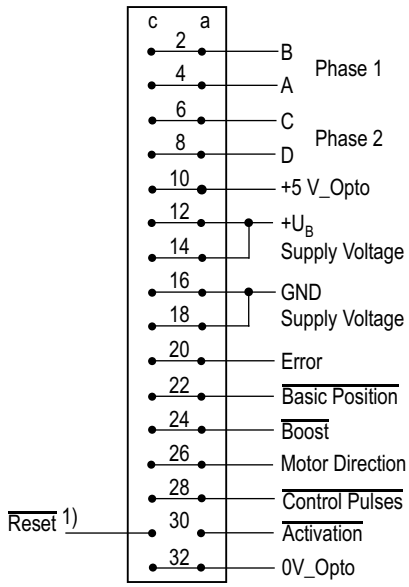


Fig. 3

1) The pin assignment can be changd by jumper:
Both pins 30a and 30c = activation input or pin 30a = activation input, pin Pin 30c = reset input.

Phytron-Elektronik GmbH
Industriestraße 12, 82194 Gröbenzell/Germany
Tel. +49 8142 503-0 Fax +49 8142 503-190 info@phytron.de www.phytron.de

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