

Overview



- The space-saving basic variants.
- Interface for the connection of expansion modules, up to 24 digital inputs, 16 digital outputs, 8 analog inputs and 2 analog outputs can be addressed.

Technical specifications

	6ED1 052-1CC00-0BA5	6ED1 052-1MD00-0BA5	6ED1 052-1HB00-0BA5	6ED1 052-1FB00-0BA5
Supply voltages				
Rated value		Yes		
- 12 V DC	Yes	Yes		
- 24 V DC			Yes	
- 115 V DC				Yes
- 230 V DC				Yes
- permissible range, lower limit (DC)	20.4 V	10.8 V	20.4 V	100 V
- permissible range, upper limit (DC)	28.8 V	28.8 V	28.8 V	253 V
- 24 V AC			Yes	
- 115 V AC				Yes
- 230 V AC				Yes
- permissible range, lower limit (AC)			20.4 V	85 V
- permissible range, upper limit (AC)			26.4 V	265 V
Time				
Time switches				
- Reserve power		80 h	80 h	80 h
• Number of digital inputs	8	8	8	8
Digital outputs				
• Number of digital outputs	4	4	4	4
• Short-circuit protection of the output	Yes	No	No	No
Relay outputs				
Switching capacity of the contacts				
- at inductive load, max.		3 A	3 A	3 A
- at resistive load, max.	0.3 A	10 A	10 A	10 A
EMC				
• Emission of radio interference to comply with EN 55 011 (limit class B)	Yes	Yes	Yes	Yes
Environmental requirements				
Operating temperature				
- min.	0 °C	0 °C	0 °C	0 °C
- max.	55 °C	55 °C	55 °C	55 °C
Degree of protection and class of protection				
- IP 20	Yes	Yes	Yes	Yes

Technical specifications (continued)

	6ED1 052-1CC00-0BA5	6ED1 052-1MD00-0BA5	6ED1 052-1HB00-0BA5	6ED1 052-1FB00-0BA5
Standards, approvals, certification				
• CSA approval	Yes	Yes	Yes	Yes
• Developed to comply with IEC1131	Yes	Yes	Yes	Yes
• FM approval	Yes	Yes	Yes	Yes
• To comply with VDE 0631	Yes	Yes	Yes	Yes
• Shipbuilding approval	Yes	Yes	Yes	Yes
• UL approval	Yes	Yes	Yes	Yes
Dimensions and weight				
• Width	72 mm	72 mm	72 mm	72 mm
• Height	90 mm	90 mm	90 mm	90 mm
• Depth	55 mm	55 mm	55 mm	55 mm

Ordering Data

Order No.

Order No.

LOGO! logic module 24 24 V DC supply voltage, 8 digital inputs 24 V DC, of which 2 can be used as analog inputs (0 to 10 V), 4 digital outputs 24 V DC, 0.3 A; 130 function blocks can be linked, with modular expansion capability	6ED1 052-1CC00-0BA5
LOGO! logic module 12/24RC 12/24 V DC supply voltage, 8 digital inputs 12/24 V DC, of which 2 can be used as analog inputs (0 to 10 V), 4 relay outputs 10 A, integral time switch; 130 function blocks can be linked, with modular expansion capability	6ED1 052-1MD00-0BA5
LOGO! logic module 24RC 24 V AC/DC supply voltage, 8 digital inputs 24 V AC/DC, 4 relay outputs 10 A, integral time switch; 130 function blocks can be linked, with modular expansion capability	6ED1 052-1HB00-0BA5
LOGO! logic module 230RC 115/230 V AC/DC supply voltage, 8 digital inputs 115/230 V AC/DC, 4 relay outputs 10 A, integral time switch; 130 function blocks can be linked, with modular expansion capability	6ED1 052-1FB00-0BA5

Accessories

LOGO! manual	
German	6ED1 050-1AA00-0AE6
English	6ED1 050-1AA00-0BE6
French	6ED1 050-1AA00-0CE6
Spanish	6ED1 050-1AA00-0DE6
Italian	6ED1 050-1AA00-0EE6
LOGO! memory card For copying, with know-how protection	6ED1 056-5CA00-0BA0
LOGO!Soft Comfort V5.0^{B)} For programming on the PC in LAD/FBD; executes under Windows 98 SE and higher, Linux, MAC OSx; on CD-ROM	6ED1 058-0BA01-0YA0
LOGO!Soft Comfort upgrade^{B)} From V1.0 and higher to V5.0	6ED1 058-0CA01-0YE0
LOGO! PC cable For transferring programs between LOGO! and the PC	6ED1 057-1AA00-0BA0
LOGO! News Box, 12/24 V Contains LOGO! 12/24RC, LOGO! PC cable, LOGO!Soft Comfort, Tips & Tricks manual, screwdriver, documentation	
German ^{C)}	6ED1 057-3BA00-0AA4
English ^{C)}	6ED1 057-3BA00-0BA4
LOGO! News Box, 230 V Contains LOGO! 230RC, LOGO! PC cable, LOGO!Soft Comfort, Tips & Tricks manual, screwdriver, documentation	
German ^{C)}	6ED1 057-3AA01-0AA0
English ^{C)}	6ED1 057-3AA01-0BA0

B) Subject to export regulations: AL: N and ECCN: EAR995

C) Subject to export regulations: AL: N and ECCN: EAR99T

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