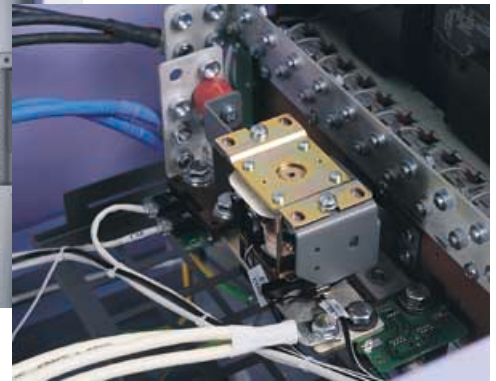
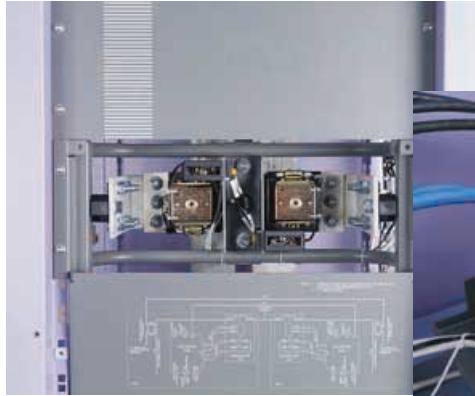


LVD400/800/1200

Features

- ▶ Ratings from 400A – 1200A
- ▶ Compact 4U or Internal Modules
- ▶ Configurable from Supervisory Module
- ▶ Battery or Load Disconnect Functions
- ▶ Fail and Isolation Alarms
- ▶ Front Access for Cable Termination
- ▶ Multiple Modules Can Be Cascaded



The Intergy range of Low Voltage Disconnect (LVD) modules provide automatic over-discharge protection for valve regulated lead acid (VRLA) batteries. Available in a range of sizes, the units are easily configured from the SM50 or SM30 (with LVD Controller) Intergy Supervisory Modules.

Intergy LVD modules use high reliability, non-latching contactors, with individual manual isolate controls for safe battery maintenance. The modules may be connected in either battery disconnect or load disconnect configuration and are fully alarmed. The hinged front panel allows easy access for cable terminations and is tool removable only, for operator safety.

The rack mounting models are compact and require only 4U of rack space while providing for the connection of up to 1200A loads. A

400A-rated model is also available which fits internally in any of the Intergy DCM and DCF range of MCB and fuse type DC Distribution Modules.

Model	Number of Contactors	Maximum Current Rating per Contactor	Mounting Style
LVD400/401	1	400A	Internal module for DCM and DCF Series Distributions*
LVD402	2	400A	Internal module for DCM and DCF Series Distributions*
LVD801	1	800A	19" Rack module (4U)
LVD802	2	1200A	19" Rack module (4U)
LVD1201	1	1200A	19" Rack module (4U)
LVD1202	2	1200A	19" Rack module (4U)

* Contact your local Intergy Representative for specific model.

LVD400/800/1200 Series

► Brief Technical Specifications

For complete product specifications contact your local Intergy representative

Voltage Range	17.7 – 60V
Connection Mode	Load disconnect or battery disconnect
Settings	
Disconnect Voltage:	40.0V – 60.0V typical preset 44V or 22V
Reconnect Voltage:	40.0V – 60.0V typical preset 48V or 24V
	All settings are made from the SM50 Supervisory Module
Operating Temperature Range	-10°C — +50°C [+14°F — +122°F]
Dimensions H, W, D	
LVD400/401:	140mm [5.5"], 250mm [9.8"], 120mm [4.7"]
LVD402:	140mm [5.5"], 300mm [11.8"], 120mm [4.7"]
Other models:	4U: 176mm [7.0"], 480mm [19" mounting], 350mm [13.7"]
Option	LVD Controller for use with SM30 Supervisory Module in Intergy Mini Systems
Certifications	CE (Europe) Equivalent products with UL and NEBS Level 3 approvals are also available. Contact your local Intergy representative for details.

In the interests of continual product improvement all specifications are subject to change without notice.